



LUFTFARTSVERKET
Hovedadministrasjonen
Avd. for Luftfartsspeksjon
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AFTN ENFB:A
Tlg: CIVILAIR OSLO
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LUFTDYKTIGHETSPÅBUD (LDP)

Motordrevne luft-
fartøy
Dornier-1

Med hjemmel i lov om luftfart av 16. desember 1960 §§ 214 og 43 jfr. kgl. res av 8. desember 1961, litra K og Samferdselsdepartementets bemyndigelse av 23. mars 1964 fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

22/76 KONTROLL AV BENSIN OG OLJESLANGER

Påbudet gjelder:

Dornier Do 27, Do 28A, Do 28B, Do 28D og Do 28D1 alle modeller med slanger type LN 9226 fremstillet fra og med første kvartal 1970.

Påbudet omfatter:

På grunn av fabrikkasjonsfeil av slanger type LN 9226 skal følgende kontroll foretas:

1. Demonter de berørte slanger fra flyet og kontroller for innvendige skader som blærer, avskalling og forsnevring mens slangene ennå er fuktige. Kontrollen skal utføres som vist i Dornier Service Bulletin nr. 1059-0000, datert 25. september 1975 eller senere utgaver.

Denne kontroll gjelder også slanger som ligger på lager.

Tid for utførelse:

Før neste flyging etter mottakelsen av denne LDP. Slangere som blir funnet i orden, må kontrolleres på nytt etter 25 timers gangtid dersom den første kontrollen ble utført før slangene hadde oppnådd en gangtid på 50 timer totalt.

Referanser:

Tysk AD 75-233, datert 6. oktober 1975, Dornier Service Bulletin nr. 1059-0000, datert 25. september 1975.

24/76 KONTROLL FOR SPREKKER I YTRE HENGSEL PÅ HØYDERORET

Påbudet gjelder:

Dornier Do 27 serienr. 1 til og med 2142.

Påbudet omfatter:

Kontroller de ytre hengsler på høyderoret for sprekker med lupe som forstørres minst 5 ganger. Kontroller særlig nøye i de sveisete områder. Kontrollen skal utføres som vist i Dornier Technical Note no. 27-28c, revidert den 6. november 1975 eller senere revisjoner.

Tid for utførelse:

Før neste flyging etter mottakelsen av denne LDP og deretter med 100 timers mellomrom.

forts.

Motordrevne luftfartøy
Dornier-1

24/76
forts.

Referanser:

Tysk AD LTA No. 69-11/2 Dornier, datert 8. desember 1975, Dornier
Technical Note no. 27-28c, revidert 6. november 1975.

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LUFFDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE LUFT-
FARTØY

DORNIER - 2

Med hjemmel i lov om luftfart av 16. desember 1960 §§ 214 og 43 jfr. kgl. res. av 8. desember 1961, litra K og Samferdselsdepartementets bemyndigelse av 23. mars 1964 fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

7A/86 FORSTERKNING AV FREMRE BJELKE I HALEFLATEN

Påbudet gjelder:

Dornier 228-100, -200, -101 og -201; alle serienr.

Påbudet omfatter:

Ved "100 % power setting" kan det oppstå sprekke dannelse i fremre bjelke i den horisontale stabilisator. Årsaken er for stort usymmetrisk løft på grunn av økt luftstrøm. Tiltak skal derfor utføres i henhold til Dornier 228 Service Bulletin nr. 228-024 rev. 1, datert 25.4.86, eller Dornier 228 Service Bulletin nr. 228-035 rev. 1, datert 18.2.86; eller senere revisjoner av disse.

Tid for utførelse:

Kontroll/modifikasjon i henhold til revisjon 1 av SB 228-035 må utføres dersom modifikasjon i henhold til SB 228-024 rev. 1 ikke er blitt utført innen 2000 starter og landinger er oppnådd.

Etter utførelse av SB 228-024 rev. 1, gjelder ikke lenger førsteutgaven av SB 228-035.

Dersom kun førsteutgaven av SB 228-024 er utført skal ytterligere tiltak i henhold til revisjon 1 også utføres.

Forøvrig gjelder de tidsfrister som er angitt i ovennevnte service-meddelelser.

Referanse:

Tysk AD 85-97/3 Dornier

32/86 ISOLERING AV NAGLER OG FESTEBRAKETTER I TAKET I FØRERKABINEN

Påbudet gjelder:

Dornier 228-100 og -200
228-101 og -201

med serienumre:

7001, 7003, 7004, 7005, 7011, 7014, 7015, 7018, 7020, 7022,
7024, 7027, 7028, 7029, 7032, 7036, 7043, 8002, 8006, 8007,
8008, 8009, 8010, 8012, 8013, 8016, 8017, 8019, 8021, 8025,
8026, 8030, 8031, 8033, 8034, 8035, 8037, 8038, 8040, 8041,
8042, 8044, 8045, 8046, 8048, 8049, 8050.

forts;
13.11.86

32/86

forts; Påbudet gjelder:

Gnissing av ledningsbuntene mot nagler og festeklemmer i taket i førerkabinen kan føre til slitasje med resulterende kortslutning. Derfor skal nagler og festeraketter beskyttes med ett stoff av lær i samsvar med Dornier Service Bulletin nr. 228-025, datert 30.5.85, eller senere revisjoner.

Tid for utførelse:

Ved neste 100 timers ettersyn etter 31.1.86.

Referanse:

Tysk AD 85-158

36/86

UTSKIFTING AV TRIMRELÉENE 4CC OG 9CC SAMT RELÉENES FORBINDELSESPUNKTERPåbudet gjelder:Dornier 228-100 og -200
228-101 og -201

med følgende serienumre:

7001, 7003, 7004, 7005, 7011, 7014, 7015, 7018, 7020, 7022,
7024, 7027, 7028, 7029, 8002, 8006, 8007, 8008, 8009, 8010,
8012, 8013, 8016, 8017, 8019, 8021, 8025, 8026 og 8035Påbudet omfatter:

Den horisontale stabilisatortrimmens reléer 4CC og 9CC, samt reléenes koblingspunkter skal skiftes ut i henhold til Dornier Alert Service Bulletin No. ASB-228-019, Revisjon 1, datert 19.4.85, eller senere revisjoner.

Tid for utførelse:

Innen 50 timers gangtid etter 31.1.86.

Referanse:

Tysk AD 85-40/2

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LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE LUFT-
FARTØY

DORNIER - 3

Med hjemmel i lov om luftfart av 18. desember 1960 §§ 214 og 43 jfr. kgl. res. av 8. desember 1961, litra K og Samferdselsdepartementets bemyndigelse av 23. mars 1964 fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

78/88 HOVEDUNDERSTELL - BREMSEENHET

Påbudet gjelder:

Dornier 228-100, -200, -101 og -201; alle serienummer.

Påbudet omfatter:

På grunn av at "Bushing cup" på indre hjul kan gli ut av stilling og medføre skade på lager og hjul, skal følgende tiltak utføres:

- 1 a: Kontroller hjul/bremseenhet i samsvar med instruksjoner gitt i Dornier All Operators Telex No. AOT/228/86/012, første utgivelse datert 04.11.86 og revisjon 1 datert 06.11.86.
- 1 b: Kontroller styre- og rullekaraktistikk i samsvar med instruksjoner gitt i Dornier All Operators Telex No. AOT/228/86/012, første utgivelse datert 04.11.86 og revisjon 1 datert 06.11.86.
- 2 : Reparer "Bushing cup" på indre hjul i samsvar med instruksjoner gitt i Goodyear Service Bulletin No. Do 228-32-8, datert 30.05.86, eller senere revisjoner av denne.

Anm.: Goodyear SB Do 228-32-7 og Do 228-32-8 ble utgitt i Dornier Service Information No. SI-228-019, datert 13.11.86.

Tid for utførelse:

Dersom ikke allerede utført:

Pkt. 1 a: Daglig etter 10.1.89.

Pkt. 1 b: Daglig etter 10.1.89, hvis styrekorreksjon er nødvendig, skal "Low speed taxiing" benyttes inntil pkt. 2 i denne LDP er utført.

Pkt. 2 : Så snart som mulig; senest ved neste dekkskift etter 10.1.89 .

Referanse:

Tysk AD 87-1

10.1.89

MERK! For at angjeldende flymaterieell skal være luftdyktig må påbudet være utført til rett tid og notat om utførelse ført inn i vedkommende journal med henvisning til denne LDP's nummer.

|49/89 MODIFIKASJON AV ELEKTRISK ANLEGG

Påbudet gjelder:

Dornier 228-100 og 228-200, samt 228-101, 228-201 og 228-202;
alle serienummer opp til 7073, og opp til 8080, unntatt
serienr. 8025, 8026, 8040, 8041, 8048, 8049, 8071, og fly
modifisert i samsvar med SCN M10 (FAA-Certificate).

Påbudet omfatter:

På grunn av mulig svikt i "Essential Bus", forårsaket av stor strømstyrke ved en feil i flapsystemet i uheldig kombinasjon med andre strømforbrukere skal følgende utføres:

For å minske risikoen for svikt i "Essential Bus" systemet skal strømforsyningen for flapsystemet kobles til BUS1PP i samsvar med instruksjoner gitt i Dornier Service Bulletin (SB) SB-228-143, datert 3.3.89.

Tid for utførelse:

Innen 100 flytimer etter 5.2.90

Referanse:

Tysk AD 89-107

|50/89 NESEHJULSSTYRING

Påbudet gjelder:

Dornier 228-100, 228-200, og 228-101, 228-201 og 228-202;
serienummer 7003 t.o.m 7168 og 8002 t.o.m 8175.

Påbudet omfatter:

I tilfelle "Nose Wheel Steering (NWS) Box" svikter totalt og NWS-bryter 8 GH settes i "Bypass" funksjon, er blokkering av nesehjulsstyring en mulig.

For å sikre at nesehjulsstyringen fungerer skal den elektriske tilkoblingen av NWS-bryter endres i samsvar med instruksjoner gitt i Dornier Service Bulletin 228-148, datert 22.5.89.

Tid for utførelse:

Innen 100 flytimer etter 5.2.90.

Referanse:

Tysk AD 89-156

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LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE LUFT-
FARTØY

DORNIER - 4

Med hjemmel i lov om luftfart av 16. desember 1960 §§ 214 og 43 jfr. kgl. res. av 8. desember 1961, litra K og Samferdselsdepartementets bemyndigelse av 23. mars 1964 fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

052/90 TRIM RELÉER

Påbudet gjelder:

Dornier: modellserie 228-100 og -200, samt -212; serienr. 7003 t.o.m. 7168 og 8002 t.o.m. 8190.

Påbudet omfatter:

På grunn av at de nåværende reléer ofte svikter, skal nye reléer med forbedret mekanisme installeres.

Reléene 4CC, 5CC, 8CC og 9CC skal skiftes ut med nye, forbedrede, reléer, og den elektriske tilkoblingen skal modifiseres i samsvar med følgende servicemeddelelser:

Dornier Service Bulletin (SB) 228-160, datert 18.12.89, for fly uten autopilot (S20) og uten "Trim Coupling" (C01).

Dornier Service Bulletin (SB) 228-164 for fly med autopilot (S20) og med "Trim Coupling" (C01).

Tid for utførelse:

Ved neste bytte av reléer etter 17.08.90, dog ikke senere enn 600 timer etter siste gang reléene ble byttet.

Referanse:

Tysk AD 90-182

053/90 JORDFORBINDELSE VING/SKROG

Påbudet gjelder:

Dornier: modellserie 228-100 og -200, samt -212; serienr. 7003 t.o.m. 7168 og 8002 t.o.m. 8190.

Påbudet omfatter:

Grunnet tilfeller av feilindikering i deler av drivstoffsystemet på grunn av utilstrekkelig elektrisk forbindelse mellom ving og skrog, skal følgende tiltak utføres i henhold til Dornier Service Bulletin 228-162, datert 19.2.90:

forts;
17.08.90

MERK!

For at angieldenes flymaterieell skal være luftdyktig må påbudet være utført til rett tid og etter en...

053/90

forts;

1. Kontrollér hovedjordforbindelsen mellom ving/skrog. Dersom korrosjon eller andre defekter blir funnet skal dette utbedres før første flyging.
2. Installér en ekstra jordforbindelse mellom vingens bakre bjelke og skroget.

Tid for utførelse:

Pkt. 1: Ved neste periodiske ettersyn etter 17.08.90.

Pkt. 2: Innen 6 mnd. etter 17.08.90.

Referanse:

Tysk AD 90-183

|062/90 **KONTROLL OG MODIFIKASJON AV STARTERGENERATOR**Påbudet gjelder:

Dornier: modellserie 228-100 og -200, samt -212; serienummer er oppgitt i Dornier Service Bulletin 228-173, datert 17.7.90.

Påbudet omfatter:

Friksjonsplatene i APC startergenerator, delnummer (P/N) 250 SG 117 Q, er for sprø og vil sprekke etter kort tids bruk. Selv om platene er skiftet til en annen type, er P/N for startergeneratoren det samme. Derfor er en visuell kontroll nødvendig for å identifisere de ukorrekte delene (fargeforskjeller mellom friksjonsplatene).

APC startergeneratorer med berørte serienummer, ref. SB 228-173, skal kontrolleres og modifiseres i samsvar med APC SB 150 SG 111, datert 26.6.90, dersom ukorrekte (svarte) plater blir funnet.

Tid for utførelse:

Dersom ikke allerede utført:

Innen 6 dager etter 08.10.90.

Referanse:

Tysk AD 90-294



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LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE LUFT-
FARTØY
DORNIER-5

Med hjemmel i lov om luftfart av 16. desember 1960 §§ 214 og 43, jfr. kgl. res. av 8. desember 1961, litra K, og Samferdselsdepartementets bemyndigelse av 23. mars 1964, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

92-026 KONTROLL AV LEDNINGSYSTEM I SKROG

Påbudet gjelder:

Dornier 228-100/-101 og 228-200/-201/-202/-212; alle serienummer.

Påbudet omfatter:

For å hindre slitasje på ledningene på grunn av manglende beskyttelse for skarpe kanter, og små klaringer der ledningene går gjennom spanter i flykroppen, skal inspeksjon og reparasjoner utføres i henhold til Dornier Service Bulletin (SB) 228-192.

Tid for utførelse:

Dersom ikke allerede utført:

Innen 6 måneder etter 20.05.92.

Referanse:

LBA AD 92-188.

20.05.92

LUFTDYKTIGHETSPÅBUD

MERK! For et angikende flymateriell skal være luftdyktig må påbudet være utført til rett tid og notat om utførelsen ført inn i vedkommende journal med henvisning til denne LDPs nummer.

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LUFTDYKTIGHETSPÅBUD (LDP)

MOTØRDREVNE
LUFTFARTØY

DORNIER - 6

Med hjemmel om lov om luftfart av 11. juni 1993 kap. IV § 4-1 og kap. XV § 15-4, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

95-032A SPREKKKONTROLL AV RIBBER I HORIZONTAL STABILISATOR

Påbudet gjelder:

Dornier 228-100, -101, -200, -201, -202 og -212 som har serienummer som listet i vedlagte kopi av LBA AD 95-175/2.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 95-175/2.

Tid for utførelse:

Til de tider og intervaller som beskrevet i vedlagte kopi av LBA AD 95-175/2, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 95-175/2.

Gyldighetsdato:

01.09.95.



Luftfahrt-Bundesamt
-AD-Department-

Airworthiness Directive

*In case of any difficulty, reference should be made
to the German original issue*

95-175/2 Daimler Benz Aerospace / Dornier

Date of issue: August 02, 1995

Affected airplanes:

German Type Certificate No.: 2031a

Daimler Benz Aerospace

Dornier 228-100 und -200

- S/No's.: 7003 bis 7116, 7167, 7168, 8002 bis 8220

German Type Certificate No.: 2031b

Daimler Benz Aerospace

Dornier 228-101, -201 und -202

- S/No's.: 7003 bis 7116, 7167, 7168, 8002 bis 8220

German Type Certificate No.: 2031c

Daimler Benz Aerospace

Dornier 228-212

- S/No's.: 7003 bis 7116, 7167, 7168, 8002 bis 8220

Subject:

Horizontal Stabilizer Rib - Inspection for cracks

Reason:

- During Dornier Structure Inspection Program, some cracks were found at horizontal stabilizer ribs.

Actions:

- The ribs 5 to 8 LH/RH (upper and lower area) on horizontal stabilizer must be inspected.

Compliance:

- The inspection for cracks must be performed within the next 3 months after receipt of this Service Bulletin and thereafter inspection has to be performed in accordance with AMM Chapter 05-21-00 (TR 05-53).

Technical publication of the manufacturer:

- Daimler Benz Aerospace Dornier 328 Service Bulletin SB-228-211 Revision 3, dated July 07, 1995 which becomes herewith part of this AD and may be obtained from Messrs.

Daimler-Benz Aerospace
Dornier
P.O. Box 1103
D-82230 Wessling
Federal Republic of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log by a licensed inspector.

Note:

- This AD supersedes the LTA-Nr. 95-175, dated March 24, 1995.

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LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 7

Med hjemmel om lov om luftfart av 11. juni 1993 kap. IV § 4-1 og kap. XV § 15-4, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

95-057 **MODIFIKASJON AV GEAR WARNING SYSTEM**

Påbudet gjelder:

Daimler-Benz Aerospace/Dornier modell 228-100, 228-101 som har serienummer t.o.m. 7168, samt 228-200, -201, -202 som har serienummer t.o.m 8235.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 95-246.

Tid for utførelse:

Innen 3 måneder etter 01.11.95

Referanse:

LBA AD 95-246.

Gyldighetsdato:

01.11.95.



Luftfahrt-Bundesamt
-AD-Department-

Airworthiness Directive

*In case of any difficulty, reference should be made
to the German original issue*

Bilag til LDP 95-057

95-246 Daimler-Benz Aerospace / Dornier

Correction issued September 1995

Date of issue: August 23, 1995

Affected airplanes:

German Type Certificate No.: 2031a, 2031b and 2031c

Daimler-Benz Aerospace / Dornier

Dornier 228-100 und -101 Baureihen

- Serial-Numbers: All up to 7168

Dornier 228-200, -201, -202 und -212 Baureihen

- Serial-Numbers: All up to 8235

Subject:

Landing Gear - Modification of Gear Warning System

Reason:

Failure of 1 or 2 uplock switches results in a false gear warning indication.

Action:

Change of the logic circuits of the uplock switches (series connection)

Compliance:

The action must be accomplished within the next 3 months.

Technical publication of the manufacturer:

Daimler Benz Aerospace Dornier 228 Service Bulletin No. 228-215 Revision 1, dated January 01, 1995 which becomes herewith part of this AD and may be obtained from Messrs.

Daimler Benz Aerospace
Dornier
P.O. Box 1103

D-82230 Wessling
Federal Republic of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log by a licensed inspector.

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LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER -8

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

96-057 UTSKIFTING AV «WINDSHIELDS»

Påbudet gjelder:

Daimler-Benz Aerospace / Dornier; Dornier 328-100, utstyrt med lettevekts «windshields»

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 96-174/2.

Tid for utførelse:

Flyhøyden begrenses fra 04.06.96, inntil «windshields» har blitt skiftet. Utskifting må være utført innen 01.08.96. Eier informert!

Referanse:

LBA AD 96-174/2.

Gyldighetsdato:

01.07.96.



Luftfahrt-Bundesamt
-AD-Department-

Airworthiness Directive

Bilag til LDP 96-057

*In case of any difficulty, reference should be made
to the German original issue*

96-174/2 Daimler-Benz Aerospace / Dornier

Effective Date: June 20, 1996

Affected airplanes:

German Type Certificate No.: 2534

Daimler-Benz Aerospace
Dornier 328-100

- S/No's.: all, that are equipped with "lightweight" front windshields P/N 001A561A0000204 (SPS-DO-328-2-3-1) for the left side and P/N 001A561A0000205 (SPS-DO-328-1-3-1) for the right side

Subject:

Flight altitude limitation

Windows - Exchange of lightweight windshields

Reason:

In service experience has shown that aircraft operated on runways, taxiways and aprons treated with gravel may get slight pre-damage to the outer surface ply of the windshield. On "lightweight" windshields such pre-damage can lead to shattered outer face ply of the windshield.

Action:

1. Exchange of the above noted windshields with new windshields having P/N 001A561A0000200 (left side) and P/N 001A561A0000201 (right side) in accordance with Dornier Service Bulletin SB-328-56-165.
2. Flight above 11,000 feet (MSL) is prohibited until the windshields were changed.

The flight altitude limitation of 11,000 feet may be removed and replaced with a flight altitude restriction of no more than 20,000 feet, provided the following conditions are observed:

- a) Temporary Revisions (TR 02-097, TR 02-098, TR 04-029, TR 04-030 and/or TR 05-029; all dated May 29, 1996) were inserted into the Airplane Flight Manual and observed by the flight crew and
- b) placards in accordance with Dornier ASB 328-56-014 are placed in clear view of each crew-member which state:

MAX. DIFF. PRESSURE 4.41 PSI.
MAX. CABIN ALTITUDE 8000 FT.
MAX. ALTITUDE 20 000 FT.

Compliance:

Flight limitation is valid from June 04, 1996 until the windshields have been exchanged. Exchange of the windshields must be performed not later than August 01, 1996.

Technical publication of the manufacturer:

Daimler-Benz Aerospace Dornier 328 Service Bulletin No. 328-56-165, dated April 19, 1996 and Alert Service Bulletin No. ASB-328-56-014 dated May 24, 1996 which becomes herewith part of this AD and may be obtained from Messrs.

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Dornier
P.O. Box 1103
D-82230 Wessling
Federal Republic of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log by a licensed inspector.

Note:

This AD supersedes the AD-No. 96-174.

* * *

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 9

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

96-072A UTSKIFTING AV ELEKTRISK «WIRING HARNESS»

Påbudet gjelder:

Daimler-Benz Aerospace; Dornier 328-100 med motorer til og med S/N PCE-116160.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 96-175A.

Tid for utførelse:

Innen 30. September 1996.

Referanse:

LBA AD 96-175A.

Gyldighetsdato:

01.09.96.



Luftfahrt-Bundesamt
-AD-Department-

Airworthiness Directive

*In case of any difficulty, reference should be made
to the German original issue*

Bilag til LDP 96-072A

■ **96-175/2 Daimler-Benz Aerospace / Dornier**

Effective Date: August 15, 1996

Affected airplanes:

German Type Certificate No.: 2534

Daimler-Benz Aerospace

Dornier 328-100

- S/No's.: Engines up to and including Serial No. PCE-116160

Subject:

Power Plant - Replacement of electrical wiring harness.

Reason:

The electrical wiring harness of the power plant has had open circuit connections caused by fretting damage to connector sockets.

Action:

Replacement of the power plant electrical wiring harness with an improved one.

Compliance:

■ Replacement must be performed not later than September 30, 1996.

Note: Alternate means of compliance
Dornier 328 EO-328-72-048 and
Pratt & Whitney SB No. PW 100-72-21420

Technical publication of the manufacturer:

■ Daimler-Benz Aerospace Dornier 328 Service Bulletin No. 328-72-153 Revision 1 dated June 25, 1996 and becomes herewith part of this AD and may be obtained from Messrs.

Daimler-Benz Aerospace
Dornier
P.O. Box 1103

D-82230 Wessling
Federal Republic of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log by a licensed inspector.

Note:

■ This AD supersedes the AD-No. 96-175.

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LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
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Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

**MOTORDREVNE
LUFTFARTØY**

DORNIER - 10

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

96-082 INSPEKSJON AV STYRELEDNINGER

Påbudet gjelder:

Daimler-Benz Aerospace Dornier; Dornier 328.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 96-001/2.

Tid for utførelse:

Til de tider og intervaller som beskrevet i vedlagte kopi av LBA AD 96-001/2, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 96-001/2.

Gyldighetsdato:

01.09.96.



Luftfahrt-Bundesamt
-AD-Department-

Airworthiness Directive

Bilag til LDP 96-082

*In case of any difficulty, reference should be made
to the German original issue*

96-001/2 Daimler-Benz Aerospace / Dornier

Effective Date: August 15, 1996

Affected airplanes:

German Type Certificate No.: 2534

Daimler-Benz Aerospace
Dornier 328-100
- S/No's.: all

Subject:

Inspection of control cables.

Reason:

Possible chafing of:

- > the autopilot control cables in the area of the servo drums
- > the elevator and rudder control cables in the area of fairleads of rear pressure bulkhead
- > the rudder control cables in the area of frame 15
- > the aileron control cables in the area of frames 15, 24 and 26
- > the engine control cables in the area of fuselage conduit seal housing and wing/nacelle fairleads.

Action:

- - Inspection of the control cables for signs of chafing and exchange if exceeding wear limits.
- - Inspection of the fairleads/swivel guides for signs of wear and correct installation/alignment.
- - Adjustment of auto-pilot (AP) control cables to new tension at initial inspection.

Compliance:

■ Required as follows, unless accomplished previously.

- 1. For aircrafts with 2800 total flight hours or more, within 200 flight hours after the effective date of this AD; or
■ For aircrafts with less than 2800 total flight hours, prior to the accumulation of 3000 total flight hours, whichever is applicable at the effective date of this AD, perform the initial inspections and the one-time adjustment of all AP control cables and accomplish, if necessary, further actions in accordance with the Dornier ASB.
- 2. Repeat the inspections and accomplish, if necessary, further actions thereafter at intervals not to exceed 1500 flight hours in accordance with the Dornier ASB.

Technical publication of the manufacturer:

■ Daimler-Benz Aerospace Dornier 328 Alert Service Bulletin No. 328-00-011 Revision 1 dated June 5, 1996 and becomes herewith part of this AD and may be obtained from Messrs.

Daimler-Benz Aerospace
Dornier
P.O. Box 1103

D-82230 Wessling
Federal Republic of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log by a licensed inspector.

Note:

■ This AD supersedes the AD-No. 96-001.

* * *

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 11

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

96-088A MODIFIKASJON AV HONEYWELL PRIMUS 2000, GP-3000

Påbudet gjelder:

Dornier 328-100 som er utstyrt med Honeywell Primus 2000, GP-300 «Guidance and Display Controller» P/N 7015327-901.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 96-239/2.

Anm.: Denne LDP erstatter LDP 96-088.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 96-239/2, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 96-239/2.

Gyldighetsdato:

01.07.97.



**Airworthiness
Directive
96-239/2**

Bilag til LDP 96-088A

Luftfahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: June 19, 1997

Affected:

Kind of aeronautical product: Aircraft
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: all, equipped with Honeywell GP-300 guidance and display controller P/N 7015327-901
German Type Certificate No.: 2534

Subject:

Auto Flight - Primus 2000 GP-300 Guidance and Display Controller

Reason:

Dornier and Honeywell have become aware of a problem where one unit was found to have modification „A“ incorrectly which would prevent the overheat protection device from functioning.

Action:

Remove the guidance and display controller and perform Honeywell SB-No. 7015327-22-4 or exchange original unit against a previously modified one.

Compliance:

Action must be performed not later than August 31, 1997.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-22-219 dated May 20, 1997 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 1103

D-82230 Wessling
Federal Republik of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Note:

This AD supersedes the AD-No. 96-239.

LUFTFARTSVERKET
Hovedadministrasjonen
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LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 12

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

96-094 **MODIFISERING / UTSKIFTING AV ANTI-KOLLISJONSLYS**

Påbudet gjelder:

Fairchild Dornier; Dornier 328-100 med serienummer 3005 til og med 3095.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 96-267.

Tid for utførelse:

Innen 31. oktober 1996.

Referanse:

LBA AD 96-267.

Gyldighetsdato:

01.10.96.



Luftfahrt-Bundesamt
-AD-Department-

Airworthiness Directive

*In case of any difficulty, reference should be made
to the German original issue*

Bilag til LDP 96-094

96-267 Fairchild / Dornier

Effective Date: October 10, 1996

Affected airplanes:

German Type Certificate No.: 2534

Fairchild

Dornier 328-100

- S/No's.: 3005 up to 3095

Subject:

Lights - Exchange of strobe light optical lens and wing tip static discharger.

Reason:

The strobe lights do not meet the 400 candela power requirements of JAR/FAR 25.1401.b.f.

Action:

Perform exchange of optical lens and exchange a static discharger on the left and right wing tips.

Compliance:

Action must be performed not later than October 31, 1996.

Technical publication of the manufacturer:

Fairchild Dornier 328 Service Bulletin No. 328-33-181, dated September 03, 1996 becomes herewith part of this AD and may be obtained from Messrs.

Fairchild Dornier

P.O. Box 1103

D-82230 Wessling

Federal Republic of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log by a licensed inspector.

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LUFTFARTSVERKET
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Luftfartsinspeksjonen
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LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY
DORNIER - 13

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

96-099 **INSPEKSJON AV MOTORENS KONTROLLKABLER OG MODIFIKASJON AV KABEL GJENNOMGANGER**

Påbudet gjelder:

Dornier; Dornier 328-100 med serienummer 3005 til og med 3067, unntatt 3007, 3013, 3020, 3054, 3061, 3063 og 3064.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 96-288.

Tid for utførelse:

Innen 31. desember 1996.

Referanse:

LBA AD 96-288.

Gyldighetsdato:

01.11.96.



Luftfahrt-Bundesamt
-AD-Department-

Airworthiness Directive

*In case of any difficulty, reference should be made
to the German original issue*

Bilag til LDP 96-099

96-288 Dornier Luftfahrt

Effective Date: October 10, 1996

Affected airplanes:

German Type Certificate No.: 2534

Dornier Luftfahrt

Dornier 328-100

- S/No's.: 3005 up to and including 3067, except 3007, 3013, 3020, 3054, 3061, 3063 and 3064

Subject:

Engine controls - Inspection of engine control cables and modification of fairleads.

Reason:

The control cables can chafe in the area of the faileads on the nose rib fire wall.

Action:

Inspection of the engine control cables and replace, if necessary. Remove fairleads enlarge bolt holes and rework fire wall.

Compliance:

Action must be performed not later than December 31, 1996.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-76-152, dated May 06, 1996 becomes herewith part of this AD and may be obtained from Messrs.

Dornier Luftfahrt GmbH
P.O. Box 1103

D-82230 Wessling
Federal Republic of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log by a licensed inspector.

* * *

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 14

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

96-100 MODIFIKASJON AV ELEKTRISK PANEL 35VE OG «RELAY SUPPORT» 36VE

Påbudet gjelder:

Dornier; Dornier 328-100 med serienummer 3005 til og med 3065.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 96-289.

Tid for utførelse:

Innen 31. desember 1996.

Referanse:

LBA AD 96-289.

Gyldighetsdato:

01.11.96.



Luftfahrt-Bundesamt
-AD-Department-

Airworthiness Directive

*In case of any difficulty, reference should be made
to the German original issue*

96-289 Dornier Luftfahrt

Bilag til LDP 96-100

Effective Date: October 10, 1996

Affected airplanes:

German Type Certificate No.: 2534

Dornier Luftfahrt

Dornier 328-100

- S/No's.: 3005 up to and including 3065

Subject:

Indicating/Recording - Modification at Electric Panel 35VE and relay support 36VE.

Reason:

Loose relay terminals caused by vibration which could lead to a possible electrical short circuit.

Action:

Modify Panel 35VE and relay support 36VE by installing new terminal studs, spacers and U-sections.

Compliance:

Action must be performed not later than December 31, 1996.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-31-172, dated June 18, 1996 becomes herewith part of this AD and may be obtained from Messrs.

Dornier Luftfahrt GmbH
P.O. Box 1103

D-82230 Wessling
Federal Republic of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log by a licensed inspector.

* * *

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 15

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets
bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

96-101 MODIFIKASJON AV TRINSE- HOLDER

Påbudet gjelder:

Dornier; Dornier 328-100 med serienummer 3005 inntil 3033.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 96-290.

Tid for utførelse:

Innen 31. desember 1996.

Referanse:

LBA AD 96-290.

Gyldighetsdato:

01.11.96.



Luftfahrt-Bundesamt
-AD-Department-

Airworthiness Directive

*In case of any difficulty, reference should be made
to the German original issue*

96-290 Dornier Luftfahrt

Bilag til LDP 96-101
Effective Date: October 10, 1996

Affected airplanes:

German Type Certificate No.: 2534

Dornier Luftfahrt

Dornier 328-100

- S/No's.: 3005 up to and including 3033

Subject:

Engine Controls - Modification of pulley box.

Reason:

During maintenance inspection engine control cables were found to be worn in the area of the fuselage fair leads.

Action:

Modification of the mounting brackets of the control cable pulleys in the box for improved alignment of the control cables.

Compliance:

Action must be performed not later than December 31, 1996.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-76-168, dated May 06, 1996 becomes herewith part of this AD and may be obtained from Messrs.

Dornier Luftfahrt GmbH
P.O. Box 1103

D-82230 Wessling
Federal Republic of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log by a licensed inspector.

* * *

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
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MOTORDREVNE
LUFTFARTØY

DORNIER - 16

LUFTDYKTIGHETSPÅBUD (LDP)

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

96-107 KONTROLL AV HØYDERORETS LAGERFORBINDELSE

Påbudet gjelder:

Dornier; Do 27; alle serienummer.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 96-271.

Tid for utførelse:

Til de tider og intervaller som beskrevet i vedlagte kopi av LBA AD 96-271, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 96-271.

Gyldighetsdato:

01.12.96.



Luftfahrt-Bundesamt
-AD-Department-

Airworthiness Directive

*In case of any difficulty, reference should be made
to the German original issue*

96-271 Daimler-Benz Aerospace / Dornier

Effective Date: October 10, 1996

Affected airplanes:

German Type Certificate No.: 514

Bilag til LDP 96-107

Daimler-Benz Aerospace

Dornier Do 27

Series : all

S/No's.: all

Subject:

Inspection of rivets on horizontal tail bearing-fitting fuselage side.

Reason:

Loosening of rivets is possible at the bearing flange and L-profile, as well as between L-profile and profile of frame.

Action:

The rivets of bearing flange and the rivets of L-profile and profile of frame has to be checked. Loose rivets must be replaced.

Compliance:

Action must be performed within 4 weeks after the effective date.

Technical publication of the manufacturer:

Daimler-Benz Aerospace Dornier 27 Service Bulletin No. 1140-0000, dated September 29, 1995 becomes herewith part of this AD and may be obtained from Messrs.

Daimler-Benz Aerospace
Dornier
P.O. Box 1103

D-82230 Wessling
Federal Republic of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log by a licensed Inspector.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
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Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 17

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

96-108 KONTROLL AV «DEICER BOOTS»

Påbudet gjelder:

Dornier; Dornier 328-100 alle serienummer.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 96-320.

Tid for utførelse:

Innen 31. januar 1997.

Referanse:

LBA AD 96-320.

Gyldighetsdato:

01.12.96.



Luftfahrt-Bundesamt
-AD-Department-

Airworthiness Directive

*In case of any difficulty, reference should be made
to the German original issue*

Bilag til LDP 96-108

96-320 DORNIER

Date of issue: 07.11.1996

Affected aircrafts:

German Type Certificate N°. : 2534

DORNIER 328-100

- Serial N°: All aircraft

Subject:

Failure of DEICER BOOTS, with curing dates up to included 31.01.1994.

Reason:

To prevent delamination in DEICER BOOTS.

Actions:

Inspection the DEICER BOOTS to check for a cure date of January 31, 1994 or earlier.
Replacement the DEICER BOOTS, with a curing dates of January 31, 1994 or earlier
or if the curing date is unknow.

Compliance with this AD and the SB terminates the requirements of AOT-328-30-013 Rev.1

Compliance:

Unless accomplished previously, this AD must be performed not later than January 31, 1997.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin 328-30-171 dated September 20, 1996.

The Dornier SB may be obtained from Messrs.:

Fairchild / Dornier
P. O. Box 1103
Faxnr.: 49 08153 304463

D-82230 Wessling
Federal Republic of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked
and entered in the log book by a licensed inspector.

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LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
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LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 18

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

96-109 **UTSKIFTING AV ELEKTRISKE TERMINALER**

Påbudet gjelder:

Dornier; Dornier 328-100 serienummer 3005 t.o.m 3015.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 96-291.

Tid for utførelse:

Innen 100 flytimer etter 01.12.1996.

Referanse:

LBA AD 96-291.

Gyldighetsdato:

01.12.96.



Luftfahrt-Bundesamt
-AD-Department-

Airworthiness Directive

*In case of any difficulty, reference should be made
to the German original issue*

Bilag til LDP 96-109

96-291 Faichild/Dornier

Effective Date: November 07, 1996

Affected airplanes:

German Type Certificate No.: 2534

Dornier 328-100

- S/No's.: 3005 up to and including 3015

Subject:

Increased contact resistance on electrical terminals.

Reason:

To avoid the possibility of increased contact resistance with subsequent electrical overheating due to the electrical connections becoming loose.

Action:

Exchange of electrical terminals 51VV, 52VV, 53VV, 54VV, 56VV and attachment materials.

Compliance:

The mentioned Action must be performed within the next 100 flight hours after the effective date of this AD.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-24-188, dated September 11, 1996 becomes herewith part of this AD and may be obtained from Messrs.

Faichild / Dornier
P.O. Box 1103

D-82230 Wessling
Federal Republic of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log by a licensed inspector.

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LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
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Tlgr. : CIVILAIR
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LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY
DORNIER - 19

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

96-110 UTSKIFTING AV «ROLL SPOILER TUBE»

Påbudet gjelder:

Dornier; Dornier 328-100 serienummer 3064 og 3065.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 96-323.

Tid for utførelse:

Til de tider og intervaller som beskrevet i vedlagte kopi av LBA AD 96-323, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 96-323.

Gyldighetsdato:

01.12.96.



Luftfahrt-Bundesamt
-AD-Department-

Airworthiness Directive

*In case of any difficulty, reference should be made
to the German original issue*

96-323 Dornier

Bilag til LDP 96-110

Effective Date: November 21, 1996

Affected airplanes:

German Type Certificate No.: 2534

Dornier 328-100

- S/No's.: 3064 and 3065

Subject:

Hydraulic Power - Exchange of roll spoiler tube.

Reason:

Possible manufacturing failure of roll spoiler tube assy.

Action:

Exchange roll spoiler tube assy.

Compliance:

Exchange must be performed not later than November 30, 1996.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-29-194, dated October 17, 1996 becomes herewith part of this AD and may be obtained from Messrs.

Faichild / Dornier
P.O. Box 1103

D-82230 Wessling
Federal Republic of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log by a licensed inspector.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 20

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-002 UTSKIFTING AV UNDERSTELLETS OPPLÅSMEKANISME

Påbudet gjelder:

Dornier; Dornier 328-100 alle serienummer som er utstyrt med låsemekanisme, med P/N 22405-000-03, til hovedunderstellet.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 96-322.

Tid for utførelse:

Innen 31.12.1996. (Berørte eier er informert).

Referanse:

LBA AD 96-322.

Gyldighetsdato:

01.01.97.



Luftfahrt-Bundesamt
-AD-Department-

Airworthiness Directive

*In case of any difficulty, reference should be made
to the German original issue*

96-322 Dornier

Bilag til LDP 97-002
Effective Date: December 05, 1996

Affected airplanes:

German Type Certificate No.: 2534

Dornier 328-100

- S/No's.: all, equipped with Main Landing Gear uplocks P/N 22405-000-03

Subject:

Landing Gear - Replacement of Main gear uplocks.

Reason:

To avoid the risk of non-locking of the main and nose landing gear due to ice accumulation on the locking roller and uplock hook.

Action:

Replace the main landing gear P/N 22405-000-03 uplocks with P/N 22405-000-04 uplocks.

Compliance:

Replacement must be performed not later than December 31, 1996.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-32-183, dated October 09, 1996 becomes herewith part of this AD and may be obtained from Messrs.

Faichild / Dornier
P.O. Box 1103

D-82230 Wessling
Federal Republic of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log by a licensed inspector.

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LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

**MOTORDREVNE
LUFTFARTØY**

DORNIER - 21

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-010 UTSKIFTING AV LÅSESKRUEN PÅ SIKKERHETSSELER

Påbudet gjelder:

Dornier; Dornier 328-100 alle serienummer som er utstyrt med «ARC restraint» P/N 1180002-403-100 S/N 0101 opptil 0315, 0328 og 329.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 97-001.

Tid for utførelse:

Innen 31.01.1997. (Berørte eier er informert).

Referanse:

LBA AD 97-001.

Gyldighetsdato:

01.02.97.



**Airworthiness
Directive
97-001**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: January 16, 1997

Affected:

Kind of aeronautical product:	Aircraft	Bilag til LDP 97-010
Manufacturer:	Dornier, Wessling, Germany	
Type:	Dornier 328	
Models affected:	Dornier 328-100	
Serial numbers affected:	all, equipped with ARC restraint P/N 1180002-403-100 S/N 0101 up to 0315, 0328 and 0329	
German Type Certificate No.:	2534	

Subject:

Equipment Furnishing - Replacement of crew seat belt buckle centre screw.

Reason:

The Service Bulletin deals with the centre fixing screw of the crew seat belt release buckle which may have been contaminated during assembly preventing the securing loctite from curing. This screw can become loose causing the buckle to become inoperative.

Action:

Replacement of the centre fixing screw.

Compliance:

Action must be performed not later than January 31, 1997.

Technical publication of the manufacturer:

Dornier Service Bulletin No. 328-25-196 dated November 12, 1996 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D-82230 Wessling
Federal Republic of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 22

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-011 FUEL SYSTEM / JAA MMEL

Påbudet gjelder:

Dornier; Dornier 328-100 alle serienummer.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 97-004.

Tid for utførelse:

Innen neste flyvning.

Referanse:

LBA AD 97-004.

Gyldighetsdato:

01.02.97.



**Airworthiness
Directive
97-004**

Luffahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: January 30, 1997

Affected:

Kind of aeronautical product: Aircraft
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: all
German Type Certificate No.: 2534

Bilag til LDP 97-011

Subject:

Fuel System / JAA MMEL

Reason:

One operator reported that during operation according to the JAA MMEL with CAS message „ELPMP FAIL“ (R/H) illuminated, the CAS message „FUEL PRSS LOW“ later appeared with a subsequent rollback of the R/H engine. Initial investigation revealed that the CAS message „ELPMP FAIL“ was caused by a defective check valve (flapper type) in the R/H jet boost pump which later caused a fuel flow reduction through the jet pump.

Action:

As required by Dornier AOT.

Compliance:

Action must be performed before the next flight.

Technical publication of the manufacturer:

Dornier 328 AOT No. 328-28-014 dated October 16, 1996 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D-82230 Wessling
Federal Republik of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tigr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 23

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets
bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-023 KONTROLL AV PROPELLENS DE-ICE SYSTEM

Påbudet gjelder:

Dornier 328.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av tysk AD 97-066.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av tysk AD 97-066, med virkning fra denne
LDP's gyldighetsdato.

Referanse:

Tysk AD 97-066

Gyldighetsdato:

01.04.97



**Airworthiness
Directive
97-066**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: March 13, 1997

Affected:

Kind of aeronautical product: Aircraft
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: all
German Type Certificate No.: 2534

Subject:

Ice & Rain Protection
- Inspection of Propeller De-ice system

Reason:

Possibility of Propeller De-ice system failure without an indication on the EICAS.

Action:

One time inspection of Propeller De-ice system.

Compliance:

Action must be performed not later than March 15, 1997.

Technical publication of the manufacturer:

Dornier 328 Alert Service Bulletin No. 328-30-013 Revision 1 dated February 21, 1997 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D-82230 Wessling
Federal Republik of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 24

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-028 FORSTERKNING AV UNDERSTELL

Påbudet gjelder:

Dornier 328.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 97-073.

Tid for utførelse:

Til de tider og intervaller som beskrevet i vedlagte kopi av LBA AD 97-073, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 97-073.

Gyldighetsdato:

01.05.97.



**Airworthiness
Directive
97-073**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: March 27, 1997

Affected:

Kind of aeronautical product:	Aircraft
Manufacturer:	Dornier, Wessling, Germany
Type:	Dornier 328
Models affected:	Dornier 328-100
Serial numbers affected:	300
German Type Certificate No.:	2534

Subject:

Fuselage - Reinforcement of MLG longitudinal beam.

Reason:

Cracks have been detected at the MLG fairing support beam which may result in loss of part of the fairing.

Action:

Install reinforced parts to the longitudinal beam.

Note: Accomplishment of this modification is an acceptable mean of compliance to the repetitive inspections in accordance with ASB-328-53-010 (AD-No. 95-413 dated November 02, 1995).

Compliance:

Action must be performed within the next 3000 Flight Hours.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-53-184 dated January 10, 1997 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D-82230 Wessling
Federal Republik of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 25

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-029 UTSKIFTING AV «PRESSURE DUMP» OG SIKKERHETSVENTIL

Påbudet gjelder:

Dornier 328.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 97-072.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 97-072, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 97-072.

Gyldighetsdato:

01.05.97.



**Airworthiness
Directive
97-072**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Lilienhalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: March 27, 1997

Affected:

Kind of aeronautical product: Aircraft
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: 3005 up to 3095
German Type Certificate No.: 2534

Subject:

Hydraulics, Main and Auxiliary Systems-Pressure dump and relief valve.

Reason:

To eliminate the possibility of a thin section in the housing caused by excessive tolerance accumulation. The housing of the pressure dump and relief valve may also have been overtorqued during manufacture.

Action:

Remove the pressure dump and relief valve, P/N ZHV29-1 and return to the manufacturer. Replace with a P/N ZHV29-2 unit.

Compliance:

Action must be performed not later than October 31, 1997.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-29-205 dated February 12, 1997 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D-82230 Wessling
Federal Republik of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tigr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 26

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-035A MODIFIKASJON AV «PROPELLER CONTROL UNIT» (PCU)

Påbudet gjelder:

Dornier 328-100, alle serienummer som er utstyrt med PCU enhet som listet i vedlagte kopi av LBA AD 97-191/2.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 97-191/2.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 97-191/2, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 97-191/2.

Gyldighetsdato:

01.07.97



**Airworthiness
Directive
97-191/2**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: July 03, 1997

Affected:

Kind of aeronautical product: Aircraft
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: all, equipped with Propeller Control Unit (PCU 1-170A) P/N D-1199-2 having a S/N up to and including PCU-A-EFS379
German Type Certificate No.: 2534

Subject:

Propeller - Modification of propeller control unit (PCU)

Reason:

Hartzell Propeller Inc. Service Bulletin HD-SB-61-012 was issued May 17, 1996 the subject being a modification of the PCU to prevent premature bearing failure. Due to nonfleet compliance with this SB, Hartzell now issued ASB HD-SB-61-A018 to confirm compliance with HD-SB-61-012.

Action:

Inspect the PCU or maintenance documentation for incorporation of Hartzell SB HD-SB-61-012. If performed, no further action is required. If not found incorporated, comply with Hartzell SB HD-SB-61-012.

Compliance:

Action must be performed within 600 flight hours, but not later than the next 90 days.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-61-221 Revision 1 dated June 11, 1997 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 1103

D-82230 Wessling
Federal Republik of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY
DORNIER - 27

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-036A HYDRAULIKK – LEKKASJE OG FUNKSJONSTEST

Påbudet gjelder:

Dornier 328-100, alle serienummer.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1997-189/2.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 1997-189/2, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 1997-189/2.

Gyldighetsdato:

1998-07-01.



**Airworthiness
Directive
1997-189/2**

Luffahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: June 18, 1998

Affected:

Kind of aeronautical product: Aircraft
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: all
German Type Certificate No.: 2534

Subject:

Hydraulics - Leakage and functional checks

Reason:

Possible high internal leakage rates within the components of the ground spoiler hydraulic supply system and build-up of pressure in the bypass valve return line.

Action:

Perform the major internal leakage test, the bypass valve of the return filter element test and the shut-off valve with bypass test according to section E, F(3) and F(4) of AMM TR 29-087 and TR 29-088 as applicable.

Compliance:

For aircraft that have previously completed C-Check inspection but have not complied with the above mentioned AMM TR's this AD must be performed not later than at the next A-Check.
For aircraft that have complied with the above mentioned AMM TR's or aircraft that have not yet performed a first C-Check no action is required until the next scheduled C-Check.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-29-220 Revision 1 dated May 04, 1998 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 1103
D-82230 Wessling
Federal Republik of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Note:

This AD supersedes the AD-No. 1997-189 dated June 19, 1997.

Holders of affected aircraft registered in Germany have to observe the following:

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed.

Instructions about Available Legal Remedies:

An appeal to this notice may be raised within a period of one month following notification. Appeals must be submitted in writing or registered at the Luffahrt-Bundesamt, Lilienthalplatz 6, 38108 Braunschweig.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tigr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTEARTØY

DORNIER - 28

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-037 MODIFIKASJON AV «AFT AVIONIC FAN»

Påbudet gjelder:

Dornier 328-100, serienummer 3005 t.o.m 3095.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 97-158.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 97-158, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 97-158.

Gyldighetsdato:

01.07.97



**Airworthiness
Directive
97-158**

Bilag til LDP 97-037

Luffahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: June 19, 1997

Affected:

Kind of aeronautical product:	Aircraft
Manufacturer:	Dornier, Wessling, Germany
Type:	Dornier 328
Models affected:	Dornier 328-100
Serial numbers affected:	3005 up to and including 3095
German Type Certificate No.:	2534

Subject:

Air Conditioning - Modification of Aft Avionic Fan

Reason:

Several failures of the fan as a result of overtemperature of electronic components.

Action:

Modification of the avionic fan.

Compliance:

Action must be performed prior to September 30, 1997.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-21-215 dated May 05, 1997 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 1103

D-82230 Wessling
Federal Republik of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 29

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-038 KONTROLL AV LANDINGSHJUL

Påbudet gjelder:

Dornier 328-100, alle med NLG som har serienummer under IL113.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 97-142.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 97-142, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 97-142.

Gyldighetsdato:

01.07.97



**Airworthiness
Directive
97-142**

Bilag til LDP 97-038

Luffahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Effective Date: May 22, 1997

Dornier

Affected:

Kind of aeronautical product:	Aircraft
Manufacturer:	Dornier, Wessling, Germany
Type:	Dornier 328
Models affected:	Dornier 328-100
Serial numbers affected:	all, equipped with NLG below S/N IL113
German Type Certificate No.:	2534

Subject:

Landing Gear - Inspection of NLG shock absorber axle adaptor

Reason:

One case of crack axle adaptor has been reported.

Action:

Perform a one time visual inspection of the NLG shock absorber axle adaptor for signs of cracking. If no cracks were found, no further action is required. If cracks are found, the NLG shock absorber must be replaced.

Compliance:

Action must be performed within 300 flight hours but later than at the next scheduled A check.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-32-213 dated April 16, 1997 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D-82230 Wessling
Federal Republik of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY
DORNIER - 30

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-039C RENGJØRING OG SMØRING AV «POWER AND CONDITION» KONTROLL KABLER

Påbudet gjelder:

Dornier 328-100, alle serienummer.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1997-148/6.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 1997-148/6, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 1997-148/6.

Gyldighetsdato:

1999-01-01.



**Airworthiness
Directive
1997-148/6**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

Dornier 328

Effective Date: December 03, 1998

Affected:

Kind of aeronautical product: Aircraft
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: all
German Type Certificate No.: 2534

Subject:

Engine Controls - Lubrication of Power and Condition Control Cables / Modification of engine control cables

Reason:

Ice build-up on the engine control push pull cables can cause friction or jamming of the engine controls to become sticky or jammed.

Note: This AD/SB is intended as a guide to operators for gaining to the modification area, operators may use alternative methods to gain access provided that the technical content of the modification is fully and correctly accomplished.

Note: This AD was published because a P/N in SB-328-76-267 Revision 2 has been changed - this AD require no further action.

Action:

1. Lubrication procedure to prevent ice build-up on the engine control push cables.

2. Installation of heating tubes on the control cables in the cockpit area.

Note: Compliance with the Service Bulletin SB-328-76-254 (installation of heating tubes) terminates the requirements of the ASB (Lubrication of cables)

3. Installation of heating tubes on the control cables in the LH and RH engine balcony

Compliance:

Action 1:

Action must be performed not later than April 30, 1997.

Repeat the lubrication procedure at every „A-Check“ (300 flight hours).

Note: For aircraft that have exceeded 300 flight hours since the last lubrication, the lubrication procedure must be performed not later than 31.01.1998.

Action 2:

Action must be performed not later than September 30, 1998.

Note: Compliance with the Service Bulletin SB-328-76-254 (installation of heating tubes in the cockpit area) terminates the requirements of the ASB (Lubrication of cables)

Action 3:

Action must be performed not later than October 31, 1998.

Note: Compliance with the Service Bulletin SB-328-76-267 (installation of heating tubes in the engine area) terminates the requirements of the AD-No. 1998-105 ASB-328-76-022

Technical publication of the manufacturer:

Enquiries regarding this Airworthiness Directive should be referred to Mr. Olaf Schneider, Airworthiness Directive Section at the above address, fax-no. 0049 531/2355-720. Please note, that in case of any difficulty, reference should be made to the German issue!

Dornier 328 Alert Service Bulletin No. ASB-328-76-015 Revision 3 dated January 09, 1998; Dornier 328 SB-328-76-254 Revision 1 dated August 06, 1998 and Dornier 328 SB-328-76-267 Revision 2 dated October 08, 1998 which becomes herewith part of this AD and may be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D- 82230 Wessling
Federal Republik of Germany
Phone: ++49 8153 300
Fax: ++49 8153 304463

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Note:

This AD supersedes the AD-No. 1997-148/5 dated October 10, 1998.

Holders of affected aircraft registered in Germany have to observe the following:

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed

Instructions about Available Legal Remedies:

An appeal to this notice may be raised within a period of one month following notification. Appeals must be submitted in writing or registered at the Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig.

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LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY
DORNIER - 31

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-040 UTSKIFTING AV «JET BOOSTER PUMP»

Påbudet gjelder:

Dornier 328-100, som har serienummer 3005 t.o.m 3093.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 97-149.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 97-149, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 97-149.

Gyldighetsdato:

01.07.97



**Airworthiness
Directive
97-149**

Bilag til LDP 97-040

Luffahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: May 22, 1997

Affected:

Kind of aeronautical product:	Aircraft
Manufacturer:	Dornier, Wessling, Germany
Type:	Dornier 328
Models affected:	Dornier 328-100
Serial numbers affected:	3005 up to and including 3093
German Type Certificate No.:	2534

Subject:

Fuel system, failure of the jet booster pump.

Reason:

A failure of the jet booster pump non-return flap valve would lead to a fuel pressure lower than needed to feed the engine without usage of the electrical fuel pump. To avoid CAS message „FUEL PRESS LOW“ and respective corrective action by the crew especially during takeoff and landing requires modified jet booster pump installed.

Action:

Remove P/N 219335-2 jet booster pumps and install improved P/N 219335-3 units.

Note: Accomplishment of this modification deletes the requirements of AOT-328-28-014 (AD-No. 97-004).

Compliance:

The necessary exchange of the jet booster pumps must be performed prior to October 31, 1997.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-28-211 dated March 26, 1997 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 1103

D-82230 Wessling
Federal Republik of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

MOTORDREVNE
LUFTFARTØY

DORNIER - 32

LUFTDYKTIGHETSPÅBUD (LDP)

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-041 TILLEGGSISOLERING AV PANEL 10/11VE

Påbudet gjelder:

Dornier 328-100, alle som har panel 10VE med S/N t.o.m 131 samt panel 11VE med S/N t.o.m. 133.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 97-136.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 97-136, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 97-136.

Gyldighetsdato:

01.07.97



**Airworthiness
Directive
97-136**

Bilag til LDP 97-041

Luftfahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: May 22, 1997

Affected:

Kind of aeronautical product:	Aircraft
Manufacturer:	Dornier, Wessling, Germany
Type:	Dornier 328
Models affected:	Dornier 328-100
Serial numbers affected:	all with panels 10VE up to and including S/N 131 and 11VE up to and including S/N 133 installed
German Type Certificate No.:	2534

Subject:

Indicating/recording - Additional sealing of Panels 10/11VE.

Reason:

Accumulation of moisture and condensation in the areas of the circuit breaker panes 10VE and 11 VE.

Action:

Perform a visual inspection and install additional sealing at the contact points of the panel back lighting wires.

Compliance:

Action must be performed within the next 2 weeks.

Technical publication of the manufacturer:

Dornier 328 Alert Service Bulletin No. 328-31-016 dated April 02, 1997 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D-82230 Wessling
Federal Republik of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY
DORNIER - 33

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-054A KONTROLL AV «ELEVATOR TRIM SYSTEM»

Påbudet gjelder:

Dornier 328-100.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 97-188/2.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 97-188/2, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 97-188/2.

Gyldighetsdato:

1998-11-01.



**Airworthiness
Directive
1997-188/2**

Luffahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: September 24, 1998

Affected:

Kind of aeronautical product: Aircraft
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: all
German Type Certificate No.: 2534

Subject:

Flight Controls - Inspection of elevator trim system.

Reason:

Reports of elevator trim actuator freezing up during flight.

Action:

Perform a one time inspection of the elevator trim actuator pistons for possible contamination, inspect and re-torque the flex drive.

Compliance:

Action must be performed within the next 30 days, if not already has been done.

Technical publication of the manufacturer:

Dornier 328 Alert Service Bulletin No. 328-27-017 Revision 2 dated July 28, 1998 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 1103

D-82230 Wessling
Federal Republik of Germany
Tel.: ++49 8153 300
Fax: ++49 8153 304463

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Note:

This AD supersedes the AD-No. 1997-188 dated July 03, 1997.

Holders of affected aircraft registered in Germany have to observe the following:

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed

Instructions about Available Legal Remedies:

An appeal to this notice may be raised within a period of one month following notification. Appeals must be submitted in writing or registered at the Luffahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig.

LUFFFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 34

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-068 **UTSKIFTING AV SETEBELTER**

Påbudet gjelder:

Dornier 328-100 som har serienummer 3053, 3054, 3066 og 3070 som har «restraint system» P/N 1180002-403-100 med serienummer 0197 t.o.m 0203 innstallert.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 97-239.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 97-239, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 97-239.

Gyldighetsdato:

01.10.97.



**Airworthiness
Directive**

97-239

Bilag til LDP 97-068

Luftfahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: 14 August 1997

Affected:

Kind of aeronautical product: Aircraft
Manufacturer: Dornier, 82230 Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: 3053, 3054, 3066 and 3070 with restraint systems P/N 1180002-403-100, serial numbers 0197 up to and including 0203 installed
German Type Certificate No.: 2534

Subject:

Safety systems, cockpit seat restraint system, ATA-Code 25-00-00

Reason:

It is possible that some delivered cockpit seat restraint systems do not fully meet the requirements of the Technical Standard Order TSO (C22g) registration.

Action:

Replacement of the cockpit seat restraint system according to Dornier Service Bulletin no. 328-25-222 dated 6 June 1997.

Compliance:

The necessary exchange of the cockpit seat restraint systems must be performed prior to 15 October 1997.

Technical publication of the manufacturer:

The Dornier Service Bulletin no. 328-25-222 dated 6 June 1997, which becomes herewith part of this AD can be obtained from Messrs.:

Fairchild Dornier
Customer Services
P.O. Box 1103
82230 Wessling
Germany
Tel. + 49 8153 - 300
Fax + 49 8153 - 304463

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY
DORNIER - 35

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-069 «CAUTION PLACARD» PÅ CPCS-PANEL

Påbudet gjelder:

Dornier 328-100 som har serienummer 3005 t.o.m. 3086.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 97-242.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 97-242, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 97-242.

Gyldighetsdato:

01.10.97.

**Airworthiness
Directive
97-242**

Luffahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany



Dornier

Effective Date: August 28, 1997

Affected:

Kind of aeronautical product: Aircraft
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: 3005 up to 3086
German Type Certificate No.: 2534

Subject:

Air Conditioning - Caution placard on CPCS-panel

Reason:

During flight above FL250, when the pressurisation control is set to MAN mode, a pressurisation drop of approximate 1000 ft can occur for a short time, if the pressurisation control is switched back to AUTO mode.

Action:

A placard has to be attached to the CPCS-panel to warn the pilots not to return from MAN to AUTO mode flight.

Compliance:

Action must be performed within 30 days.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-21-225 dated June 27, 1997 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 1103

D-82230 Wessling
Federal Republik of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY
DORNIER - 36

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-070 MODIFIKASJON AV «GROUND COOLING FAN»

Påbudet gjelder:

Dornier 328-100 som har serienummer 3005 t.o.m. 3095.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 97-243.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 97-243, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 97-243.

Gyldighetsdato:

01.10.97.



**Airworthiness
Directive
97-243**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: August 28, 1997

Affected:

Kind of aeronautical product:	Aircraft
Manufacturer:	Dornier, Wessling, Germany
Type:	Dornier 328
Models affected:	Dornier 328-100
Serial numbers affected:	3005 up to 3095
German Type Certificate No.:	2534

Subject:

Air Conditioning - Modification of Ground Cooling Fan

Reason:

On aircraft with engines without Pratt & Whitney SB P&WC-SB-21453 incorporated the heat exchanger can suffer oil contamination. Oil contaminated heat exchangers together with not properly working ground cooling fan can cause overheat condition, which under worst conditions can lead to smoke in cabin and cockpit.

Action:

Install a modified check valve with a stronger spring and a 90° rotation of the check valve from its present position.

Compliance:

Action must be performed prior December 31, 1997.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-21-227 dated July 16, 1997 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 1103

D-82230 Wessling
Federal Republik of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY
DORNIER - 37

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-084 AIR CONDITION - UTSKIFTING AV «RE-CIRCULATION FAN» RELE

Påbudet gjelder:

Dornier 328-100 som har serienummer 3005 t.o.m. 3089.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 97-323.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 97-323, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 97-323.

Gyldighetsdato:

1997-12-01.



**Airworthiness
Directive
97-323**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: November 20, 1997

Affected:

Kind of aeronautical product: Aircraft
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: 3005 up to 3089
German Type Certificate No.: 2534

Subject:

Air Conditioning - Exchange of re-circulation fan relay

Reason:

The existing relay P/N DON405M520U5NL is exposed to high electrical loads which, due to the relay design, has resulted in overheating beyond the permissible range in service.

Action:

Exchange of relay 32HB and 36HB on the relay panel 22VE with a stronger relay P/N 2504MY1.

Compliance:

Action must be performed prior December 31, 1997.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-21-218 dated July 02, 1997 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 1103

D-82230 Wessling
Federal Republik of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY
DORNIER - 38

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-085A KONTROLL AV MLG «BUSHES»

Påbudet gjelder:

Dornier 328-100, alle serienummer.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 97-327/2.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 97-327/2, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 97-327/2.

Gyldighetsdato:

1998-02-01.



**Airworthiness
Directive
1997-327/2**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: January 15, 1998

Affected:

Kind of aeronautical product: Aircraft
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: all
German Type Certificate No.: 2534

Subject:

Landing Gear - Inspection of Main Landing Gear (MLG) bushes

Reason:

Damaged and migrating bushes found at the main landing gear trailing arm.

Action:

Visual inspection of the L/H and R/H MLG trailing arm bushes for signs of damage or migration.
Inspection of the bushing flanges with the shock absorber removed.
Replacement or repetitive inspection of damaged bushes.

Compliance:

For aircraft that have not yet completed a 'C'-Check an initial inspection of the bushings in accordance with ASB Section 2B(2) must be performed not later than at the first 'C'-Check.

For aircraft that have completed a 'C'-Check and are over 3000 flight hours, an initial visual inspection in accordance with Section 2B(1) must be performed not later than at the next 'Line check 1' (3 Days).

For all aircraft:

A repeat visual inspection of the bushings in accordance with section 2B(1) must be performed at every „A“-Check/300 flight hours since the last inspection according to either section 2B(1) or section 2B(2).

A repeat inspection of the bushings in accordance with section 2B(2) must be performed at every „C“-Check or 3000 flight hours since installation of new bushings whichever is applicable.

Technical publication of the manufacturer:

Dornier 328 Alert Service Bulletin No. ASB-328-32-019 Revision 1 dated November 03, 1997 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 1103

D-82230 Wessling
Phone: +49 (0) 8153-300 Fax: +49 (0) 8153-304463
Federal Republik of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Note:

This AD supersedes AD-No. 97-327, dated November 20, 1997.

Enquiries regarding this Airworthiness Directive should be referred to Mr. Olaf Schneider, Airworthiness Directive Section at the above address, fax-no. 0049 531/2355-254. Please note, that in case of any difficulty, reference should be made to the German issue!

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 39

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets
bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-086A UTSKIFTING AV «GROUND SPOILER VALVE BLOCK»

Påbudet gjelder:

Dornier 328-100, som har serienummer som listet i vedlagte kopi av LBA AD 1997-331/2.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1997-331/2.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 1997-331/2, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 1997-331/2.

Gyldighetsdato:

1998-04-01.



**Airworthiness
Directive
1997-331/2**

Luffahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Effective Date: March 12, 1998

Dornier

Affected:

Kind of aeronautical product:	Aircraft
Manufacturer:	Dornier, Wessling, Germany
Type:	Dornier 328
Models affected:	Dornier 328-100
Serial numbers affected:	3016, 3024, 3026, 3027, 3031, 3034, 3042, 3046, 3049, 3054, 3062, 3066, 3067, 3069, 3071, 3074, 3078, 3079, 3080, 3081, 3082, 3083, 3085, 3086, 3090, 3091, 3092, 3093, 3094 and 3095 if equipped with "active ground- spoiler" (Option 040-001)
German Type Certificate No.:	2534

Subject:

Flight controls - Replacement of groundspoiler valve block

Reason:

Failure analysis has shown elevated pressure in return lines under certain conditions causing unwanted unlocking of groundspoiler

Action:

Replacement of groundspoiler valve block by a new valve block P/N 1060A0000-06

Compliance:

Action must be performed:

- before next flight for aircraft with P/N 1059A0000-03 ground spoiler actuator installed
- prior to March 31, 1998 for aircraft with P/N 1059A0000-02 ground spoiler actuator installed.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-27-228 Revision 1 dated December 18, 1997 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 1103

D-82230 Wessling
Phone: +49 (0) 8153-300
Fax: +49 (0) 8153-304463

Federal Republik of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Note:

This AD supersedes the AD-No. 97-331 dated December 04, 1997.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 40

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-087A KONTROLL AV «DOUBLE SHUTTLE VALVE - FLIGHT CONTROLS»

Påbudet gjelder:

Dornier 328-100, som har serienummer 3005 t.o.m 3086

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 97-321/2.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 97-321/2, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 97-321/2.

Gyldighetsdato:

1998-02-01.



**Airworthiness
Directive
1997-321/2**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: January 15, 1998

Affected:

Kind of aeronautical product: Aircraft
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: 3005 up to 3086
German Type Certificate No.: 2534

Subject:

Flight Controls - Inspection of double shuttle valve

Reason:

During aircraft inspection, double shuttle valves have been found that had exceeded the life limitations as given in the Airworthiness Limitations Document (ALD) due to the part numbers being incorrectly identified.

Action:

Inspect and identify part number of installed double shuttle valves and replace if required, delete the operating pressure from the identification label and remark on the valve.

Compliance:

Action must be performed within 8 calendar-days, if not already has been done.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-27-236 dated November 05, 1997 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 1103

D-82230 Wessling
Federal Republik of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Note:

This AD supersedes the AD-No. 97-321, dated November 06, 1997.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY
DORNIER - 41

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-088 KONTROLL AV DC POWER UNIT 1VE

Påbudet gjelder:

Dornier 328-100, som har serienummer 3005 t.o.m 3086

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 97-322.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 97-322, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 97-322.

Gyldighetsdato:

1997-12-01.



**Airworthiness
Directive
97-322**

Luffahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: November 20, 1997

Affected:

Kind of aeronautical product:	Aircraft
Manufacturer:	Dornier, Wessling, Germany
Type:	Dornier 328
Models affected:	Dornier 328-100
Serial numbers affected:	3005 up to 3086
German Type Certificate No.:	2534

Subject:

Electrical Power - Inspection of the DC Power Unit 1VE electrical connections

Reason:

Reported overheating at electrical connection studs of the 1VE unit due to wrongly installed terminals and spring washers and incorrect torque of the stud nuts.

Action:

Perform a one time visual inspection of the electrical connections to ensure correct installation of the terminals and spring washers and perform a one time torque check of the stud nut.

Compliance:

Action must be performed prior November 30, 1997.

Technical publication of the manufacturer:

Dornier 328 Alert Service Bulletin No. 328-24-018 dated August 05, 1997 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 1103

D-82230 Wessling
Federal Republik of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

LUFFARTSVERKET
Hovedadministrasjonen
Luffartsinspeksjonen
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Tigr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 42

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-089 EKSTRA SIKRING PÅ PANEL 10VE OG 11VE

Påbudet gjelder:

Dornier 328-100, som har serienummer 3005 t.o.m 3095

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 97-330.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 97-330, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 97-330.

Gyldighetsdato:

1997-12-01.



**Airworthiness
Directive
97-330**

Bilag til LDP 97-089

Luftfahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: November 20, 1997

Affected:

Kind of aeronautical product:	Aircraft
Manufacturer:	Dornier, Wessling, Germany
Type:	Dornier 328
Models affected:	Dornier 328-100
Serial numbers affected:	3005 up to 3095
German Type Certificate No.:	2534

Subject:

Indicating/recording - Additional fuse at panels 10VE and 11VE

Reason:

Accumulation of moisture and condensation in the areas of the circuit breaker panels 10VE and 11VE.

Action:

Installation of a JIFFY JUNCTION fitted with a high capacity fuse at panels 10VE and 11VE.

Compliance:

Action must be performed not later than February 28, 1998.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-31-226 dated June 16, 1997 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 1103

D-82230 Wessling
Phone: +49 (0) 8153-300
Fax: +49 (0) 8153-304463

Federal Republik of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
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Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY
DORNIER - 43

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

97-090 MANGLENDE NAGLE PÅ «LANDING FLAP ARM»

Påbudet gjelder:

Dornier 328-100, som har serienummer 3064 t.o.m 3086.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 97-328.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 97-328, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 97-328.

Gyldighetsdato:

1997-12-01.



**Airworthiness
Directive
97-328**

Bilag til LDP 97-090

Luffahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: November 20, 1997

Affected:

Kind of aeronautical product:	Aircraft
Manufacturer:	Dornier, Wessling, Germany
Type:	Dornier 328
Models affected:	Dornier 328-100
Serial numbers affected:	3064 up to 3086
German Type Certificate No.:	2534

Subject:

Wings - Missed rivets on landing flap arm 2 R/H and L/H

Reason:

Missed rivets on landing flap arm 2 R/H and L/H must be incorporated to maintain the fatigue requirements.

Action:

Installation of two fasteners on flap arm.

Compliance:

Action must be performed before reaching 10000 flights

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-57-239 dated July 07, 1997 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 1103

D-82230 Wessling
Phone: +49 (0) 8153-300
Fax: +49 (0) 8153-304463

Federal Republik of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 44

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

98-009 KONTROLL OG MODIFIKASJON AV DC POWER UNIT 1VE

Påbudet gjelder:

Dornier 328-100, alle som beskrevet i vedlagte kopi av LBA AD 97-354.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 97-354.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 97-354, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 97-354.

Gyldighetsdato:

1998-02-01.



**Airworthiness
Directive
97-354**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: December 18, 1997

Affected:

Kind of aeronautical product: Aircraft
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: all, equipped with APU (option No. 490-001A) and P/N 230GC02Y02 or -03
DC power control unit installed
German Type Certificate No.: 2534

Subject:

Electrical Power - Inspection and modification of the DC Power Unit 1VE

Reason:

Possible overheating and burning through of the APU bus bar mounting plate.

Action:

Visual inspection of the epoxy glass mounting plate around the spacer holding the APU bus bar for signs of damage, securing of the lower cover with a shim and checking the torque of the APU bus bar screw.

Compliance:

Action must be performed not later than December 31, 1997.

Technical publication of the manufacturer:

Dornier 328 Alert Service Bulletin No. 328-24-021 dated November 25, 1997 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 1103

D-82230 Wessling
Phone: +49 (0) 8153-300
Fax: +49 (0) 8153-304463

Federal Republic of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

LUFTFARTSVERKET
Hovedadministrasjonen
Luffartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFFTARTØY
DORNIER - 45

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

98-010 KONTROLL AV VINGER FOR FUELLEKKASJE

Påbudet gjelder:

Dornier 328-100, alle serienummer.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1998-020.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 1998-020, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 1998-020.

Gyldighetsdato:

1998-02-01.



**Airworthiness
Directive
1998-020**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: January 15, 1998

Affected:

Kind of aeronautical product: Aircraft
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: all
German Type Certificate No.: 2534

Subject:

Wings - Inspection of outer wing for fuel leakage.

Reason:

Fuel leakage has been found at Rib 21 on L/H outboard wing during routine line check.

Action:

Visual inspection of L/H and R/H outboard wing Rib 21.

Compliance:

Action must be performed within the next 3 calendar-days.
Repeat the inspection at every 5 „A-Check“ or every 6-month, whichever comes first.

Technical publication of the manufacturer:

Dornier 328 Alert Service Bulletin No. ASB-328-57-020 dated October 28, 1997 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 1103

D-82230 Wessling
Phone: +49 (0) 8153-300.
Fax: +49 (0) 8153-304463

Federal Republic of Germany

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 46

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

98-011A HYDRAULIKKSYSTEMET - MODIFIKASJON AV RETURSLANGE

Påbudet gjelder:

Dornier 328-100, alle serienummer som er listet i vedlagte kopi av LBA AD 1998-031/2.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1998-031/2.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 1998-031/2, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 1998-031/2.

Gyldighetsdato:

1998-10-01.



**Airworthiness
Directive
1998-031/2**

Luffahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

Dornier 328

Effective Date: September 10, 1998

Affected:

Kind of aeronautical product: Aircraft
 Manufacturer: Dornier, Wessling, Germany
 Type: Dornier 328
 Models affected: Dornier 328-100
 Serial numbers affected: 3016, 3024, 3026, 3027, 3031, 3034, 3042, 3046, 3049, 3054, 3062, 3066, 3067, 3069, 3071, 3074, 3078 up to 3083, 3085 and 3086 with active ground spoiler installed (option 040-001)
 German Type Certificate No.: 2534

Subject:

Hydraulic system - Modification of return line

Reason:

Calculation showed a theoretical possible for ground spoiler actuators to unlock by high pressure in the hydraulic return line. This problem is covered by SB-328-29-237. The new SB-328-29-269 describes a second technical solution as an alternate means of compliance for the SB-328-29-237.

Action:

1. Installation of additional hydraulic lines together with an additional shutoff valve
or
2. Replacement of hydraulic line and removal of the shut off valve in accordance with Dornier 328 SB-328-29-269.

Compliance:

1. Action must be performed as following:
 For aircraft with P/N 1059A0000-02 ground spoiler actuator installed: prior December 31, 1998.
 For aircraft with P/N 1059A0000-03 ground spoiler actuator installed: before the next flight.

2. Action 2 is Customer optional. It is an alternate means of compliance to action 1.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. SB-328-29-237 Revision 1 dated December 17, 1997 or Dornier 328 Service Bulletin No. SB-328-29-269 dated July 16, 1998 which becomes herewith part of this AD and may be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D- 82230 Wessling
Federal Republik of Germany
Tel.: +49 (0) 8153-300
Fax: +49 (0) 8153-304463

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Note:

Bilag til LDP 98-011A

This AD supersedes AD-No. 1998-031 dated January 15, 1998.

Holders of affected aircraft registered in Germany have to observe the following:

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed

Instructions about Available Legal Remedies:

An appeal to this notice may be raised within a period of one month following notification. Appeals must be submitted in writing or registered at the Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig.

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LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 47

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets
bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

98-025 SMØRING AV «POWER AND CONDITION» KONTROLLKABLER

Påbudet gjelder:

Dornier 328-100.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1998-105.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 1998-105, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 1998-105.

Gyldighetsdato:

1998-03-01.



**Airworthiness
Directive
1998-105**

Luffahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier 328

Effective Date: January 30, 1998

Affected:

Kind of aeronautical product:	Aircraft
Manufacturer:	Dornier, Wessling, Germany
Type:	Dornier 328
Models affected:	Dornier 328-100
Serial numbers affected:	all
German Type Certificate No.:	2534

Subject:

Engine Controls - Lubrication of Power and Condition Control cables

Reason:

Ice build-up on the engine control push pull cables can cause friction or jamming of the engine controls to become sticky or jammed.

Action:

Lubricate the engine control push pull cables to prevent ice build-up in accordance with the Alert Service Bulletin.

Compliance:

The first inspection must be done not later than February 06, 1998.
Repeat the inspection at every 300 FH (A-Check).

Technical publication of the manufacturer:

Dornier 328 Alert Service Bulletin No. ASB-328-76-022 dated December 22, 1997 which becomes herewith part of this AD and may be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D- 82230 Wessling
Federal Republik of Germany
Tel.: +49 (0) 8153-300
Fax: +49 (0) 8153-304463

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
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Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 48

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

98-026 UTSKIFTING AV «ROLL-SPOILER CONTROL ROD»

Påbudet gjelder:

Dornier 328-100 som har serienummer 3005 t.o.m. 3047.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1998-042.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 1998-042, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 1998-042.

Gyldighetsdato:

1998-03-01.



**Airworthiness
Directive
1998-042**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier 328

Effective Date: January 29, 1998

Affected:

Kind of aeronautical product: Aircraft
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: 3005 up to 3047
German Type Certificate No.: 2534

Subject:

Flight Controls - Exchange of roll-spoiler control rod

Reason:

Insufficient clearance between the fork end of the control rod and the bell crank could introduce a bending stress to the fork end of the roll-spoiler.

Action:

Exchange of roll spoiler control rod.

Compliance:

Action must be performed not later than May 31, 1998.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-27-247 dated November 19, 1997 which becomes herewith part of this AD and may be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D- 82230 Wessling
Federal Republik of Germany
Tel.: +49 (0) 8153-300
Fax: +49 (0) 8153-304463

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 49

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

98-027 UTSKIFTING AV «RELIEF RESTRICTOR VALVE»

Påbudet gjelder:

Dornier 328-100 som har serienummer som listet i vedlagte kopi av LBA AD 1998-046.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1998-046.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 1998-046, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 1998-046.

Gyldighetsdato:

1998-03-01.



**Airworthiness
Directive
1998-046**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier 328

Effective Date: January 29, 1998

Affected:

Kind of aeronautical product:	Aircraft
Manufacturer:	Dornier, Wessling, Germany
Type:	Dornier 328
Models affected:	Dornier 328-100
Serial numbers affected:	3016, 3024, 3026, 3027, 3031, 3034, 3042, 3046, 3049, 3054, 3062, 3066, 3067, 3069, 3071, 3074, 3078 up to 3083, 3085, 3086, 3090 up to 3098 with active ground spoiler installed (option 040-001)
German Type Certificate No.:	2534

Subject:

Flight Controls - Exchange of relief restrictor valve

Reason:

Manufacturing failure in a batch of valves with P/N ZRV87-2 which could lead to an internal leakage. On aircraft with ground spoiler a higher internal leakage of the valve in combination with an additional failure could result in unlocking the ground spoiler actuators.

Action:

Exchange of relief restrictor valves P/N ZRV87-2 by new valves P/N ZRV87-3.

Compliance:

Action must be performed for aircraft with ground spoiler actuator installed as following:

- P/N 1059A0000-02: not later than December 31, 1998
- P/N 1059A0000-03: before the next flight

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. SB-328-27-243 Revision 1 dated December 18, 1997 which becomes herewith part of this AD and may be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D- 82230 Wessling
Federal Republik of Germany
Tel.: +49 (0) 8153-300
Fax: +49 (0) 8153-304463

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY
DORNIER - 50

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

98-039A UTSKIFTING AV «PROXIMITY SWITCH ELECTRICAL UNIT»

Påbudet gjelder:

Dornier 328-100; alle modeller som er listet i vedlagte kopi av LBA AD 1998-137/2.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1998-137/2.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 1998-137/2, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 1998-137/2.

Gyldighetsdato:

1998-10-01.



**Airworthiness
Directive
1998-137/2**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

Dornier 328

Effective Date: September 10, 1998

Affected:

Kind of aeronautical product:	Aircraft
Manufacturer:	Dornier, Wessling, Germany
Type:	Dornier 328
Models affected:	Dornier 328-100
Serial numbers affected:	all, equipped with PSEU P/N 8-700-03 or 8-700-04
German Type Certificate No.:	2534

Subject:

Landing Gear - Exchange of proximity switch electrical unit (PSEU).

Reason:

Control circuits within the PSEU shutoff intermittently due to a manufacturing defect. In some cases this prevents normal landing gear extension.

Action:

Install a PSEU P/N 8-700-04 Mod A unit which has been modified.

Note: For Operators removing a P/N 8-700-03 unit, Dornier SB-328-32-143 must be performed prior to installation of the new unit.
Alternate to the installation of PSEU box P/N 8-700-04 Mod A a new PSEU box P/N 8-700-05 can be installed.

Compliance:

Action must be done not later than February 28, 1999.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-32-248 Revision 1 dated April 22, 1998 which becomes herewith part of this AD and may be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D-82230 Wessling
Federal Republik of Germany
Tel.: +49 (0) 8153-300
Fax: +49 (0) 8153-304463

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Note:

This AD supersedes AD-No.: 1998-137 dated March 26, 1998.

Holdings of affected aircraft registered in Germany have to observe the following:

Enquiries regarding this Airworthiness Directive should be referred to Mr. Olaf Schneider, Airworthiness Directive Section at the above address, fax-no. 0049 531/2355-254. Please note, that in case of any difficulty, reference should be made to the German Issue!

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed

Instructions about Available Legal Remedies:

An appeal to this notice may be raised within a period of one month following notification. Appeals must be submitted in writing or registered at the Luftfahrt-Bundesamt, Lilienthalplatz 6, 38108 Braunschweig.

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LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 51

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

98-044A KONTROLL AV «LANDING GEAR ACTUATOR»

Påbudet gjelder:

Dornier 228 alle modeller og serienummer som er listet i vedlagte kopi av LBA AD 1998-141/2.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1998-141/2.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 1998-141/2, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 1998-141/2.

Gyldighetsdato:

1998-06-01.



**Airworthiness
Directive
1998-141/2**

Druck in LDP 98-044A
Luftfahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier 228-100, -101, -200, -201 & -202

Effective Date: May 21, 1998

Affected:

Kind of aeronautical product: Aircraft
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 228-100, -101, 200, -201 & -202
Models affected: Dornier 228-100, -101, 200, -201 & -202
Serial numbers affected: 7003 up to 7032 for Dornier 228-100 & -101
8002 up to 8035 for Dornier 228-200, -201 & -202
German Type Certificate No.: 2031a & 2031b

Subject:

Landing Gear - Inspection of landing gear actuator

Reason:

Internal leakage at the shuttle valves will cause hydraulic fluid to flow from the emergency system to the normal system during emergency extension of the landing gear using the handpump. Depending on the leakage rate of the shuttle valve, hydraulic fluid in the emergency system reservoir may be depleted before the landing gear is fully extended and locked.

Action:

Inspection of landing gear shuttle valves for proper function.

Compliance:

Action must be done within the next 4 weeks.

Technical publication of the manufacturer:

Dornier 228 Service Bulletin No. 228-226 Revision 1 dated March 23, 1997 which becomes herewith part of this AD and may be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D- 82230 Wessling
Federal Republik of Germany
Tel.: +49 (0) 8153-300
Fax: +49 (0) 8153-304463

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Note:

This AD supersedes the AD-No. 1998-141 dated April 23, 1998

Holders of affected aircraft registered in Germany have to observe the following:

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed

Instructions about Available Legal Remedies:

An appeal to this notice may be raised within a period of one month following notification. Appeals must be submitted in writing or registered at the Luftfahrt-Bundesamt, Lilienthalplatz 6, 38108 Braunschweig.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 52

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets
bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

98-045 BALANSERING AV «RUDDER SPRING TABS»

Påbudet gjelder:

Dornier 328-100.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1998-217.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 1998-217, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 1998-217.

Gyldighetsdato:

1998-05-01.



**Airworthiness
Directive
1998-217**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier 328

Effective Date: April 16, 1998

Affected:

Kind of aeronautical product:	Aircraft
Manufacturer:	Dornier, Wessling, Germany
Type:	Dornier 328
Models affected:	Dornier 328-100
Serial numbers affected:	all
German Type Certificate No.:	2534

Subject:

Rudder spring tabs - Improper balancing

Reason:

Rudder spring tabs have been found out of balance tolerance after repainting new customer designs. Improper balancing, especially after repainting/repair, can reduce the flutter margin for the rudder spring tab, rudder and aircraft.

Action:

Balance of all rudder spring tabs, except for tabs previously balanced according to the instructions and limitations given in Structural Repair Manual chapter 51-60-30

Compliance:

Action must be done within the next 10 days.

Technical publication of the manufacturer:

Dornier 328 All Operator Telex No. AOT-328-55-015 Revision 1 dated April 07, 1998 which becomes herewith part of this AD and may be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D- 82230 Wessling
Federal Republik of Germany
Tel.: +49 (0) 8153-300; Fax: +49 (0) 8153-304463

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Holders of affected aircraft registered in Germany have to observe the following:

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed.

Instructions about Available Legal Remedies:

An appeal to this notice may be raised within a period of one month following notification. Appeals must be submitted in writing or registered at the Luftfahrt-Bundesamt, Lilienthalplatz 6, 38108 Braunschweig.

Enquiries regarding this Airworthiness Directive should be referred to Mr. Olaf Schneider, Airworthiness Directive Section at the above address, fax-no. 0049 531/2355-254. Please note, that in case of any difficulty, reference should be made to the German issue!

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 53

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

98-051 KONTROLL AV DRENERINGSHULL I VINGEN

Påbudet gjelder:

Dornier 328-100 som har serienummer som listet i vedlagte kopi av LBA AD 1998-218.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1998-218.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 1998-218, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 1998-218.

Gyldighetsdato:

1998-06-01.



**Airworthiness
Directive
1998-218**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier 328

Effective Date: May 07, 1998

Affected:

Kind of aeronautical product: Aircraft
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: 3005 up to 3098; excluding 3089
German Type Certificate No.: 2534

Subject:

Wings - Drain hole in outer wing

Reason:

In case of a tank leakage in the outer wing area, fuel accumulation would not be detected.

Action:

Drill a drainhole in the lower panel of the outer wing at the L/H and R/H side. In case of a tank leakage, the drainhole acts as a indication and also prevents fuel accumulation.

Note: Compliance with this Service Bulletin terminates the requirements of AD-No. 1998-020 dated January 15, 1998 (ASB 328-57-020)

Compliance:

Action must be done prior to September 30, 1998.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. 328-57-255 dated January 21, 1998 which becomes herewith part of this AD and may be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D- 82230 Wessling
Federal Republik of Germany
Tel.: +49 (0) 8153-300; Fax: +49 (0) 8153-304463

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Holders of affected aircraft registered in Germany have to observe the following:

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed.

Instructions about Available Legal Remedies:

An appeal to this notice may be raised within a period of one month following notification. Appeals must be submitted in writing or registered at the Luftfahrt-Bundesamt, Lilienthalplatz 6, 38108 Braunschweig.

LUFIFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 54

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

98-061 FLIGHT CONTROLS – INNSTALLERING AV SKILT

Påbudet gjelder:

Dornier 328-100 som har serienummer som listet i vedlagte kopi av LBA AD 1998-289.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1998-289.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 1998-289, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 1998-289.

Gyldighetsdato:

1998-07-01.



**Airworthiness
Directive
1998-289**

Luffahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Dornier 328

Effective Date: June 18, 1998

Affected:

Kind of aeronautical product: Aircraft
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: 3005 up to 3095
German Type Certificate No.: 2534

Subject:

Flight Controls - Installation of an additional placard

Reason:

In case of a single engine operation with the rudder pedal adjustment in the 4 most forward positions the pedal force could increase to an amount which does not comply with the JAA and FAA requirements.

Action:

Installation of a placard on the rudder pedal covers.

Compliance:

Action must be done within 14 days after the effective date of this AD.

Technical publication of the manufacturer:

Dornier 328 Alert Service Bulletin No. ASB-328-27-023 dated March, 1998 which becomes herewith part of this AD and may be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D- 82230 Wessling
Federal Republik of Germany
Tel.: +49 (0) 8153-300; Fax: +49 (0) 8153-304463

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Holders of affected aircraft registered in Germany have to observe the following:

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed.

Instructions about Available Legal Remedies:

An appeal to this notice may be raised within a period of one month following notification. Appeals must be submitted in writing or registered at the Luffahrt-Bundesamt, Lilienthalplatz 6, 38108 Braunschweig.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTEARTØY
DORNIER - 55

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

98-081B KONTROLL AV "POWER LEVER CAM FOLLOWERS"

Påbudet gjelder:

Dornier 328-100 modeller som har serienummer som beskrevet i vedlagte kopi av LBA AD 1998-344/3.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1998-344/3.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 1998-344/3, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 1998-344/3.

Gyldighetsdato:

1999-03-01.



**Airworthiness
Directive
1998-344/3**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: February 11, 1999

Affected:

Kind of aeronautical product: Airplane
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: 3005 up to 3098, 3100, 3103, 3104, 3106, 3107, 3109 and 3110
German Type Certificate No.: 2534

Subject:

Engine Controls - Inspection of Power Lever (PL) cam followers

Reason:

Due to wear of the power lever cam follower, the flight idle back up system may become inoperative as the micro switches 21KF and/or 22KF may be open with the power levers are in the flight idle position.

Action:

Flight idle back up test and inspection of the power lever cam followers, and repair if necessary, in accordance with the Dornier Alert Service Bulletin.

Compliance:

An initial Flight Idle Backup Test must be performed at the next line check 1 on all power levers with over 3000 Flight Hours since installation and then repeated daily until PL cam followers have been inspected. An inspection of the PL cam followers must be performed not later than 17.09.1998 on all power levers with over 3000 Flight Hours since installation.

Note 1:

Pins (P/N 76-10-328-98001-002 or P/N 001R761A0002200) and bushings (P/N 76-10-328-98001-001 or P/N 001R761A0002202) are limited to 900 flight hours then the complete rod on which the pin is attached has to be replaced. Inspection for loosening pins or wear of the bushings and pins must be performed every 300 flight hours. If loose pins were found, the complete rod must be replaced before the next flight. The inspections must be performed in accordance with the Dornier Alert Service Bulletin.

Note 2:

Compliance with the Service Bulletin SB-328-76-268 Revision 1 deletes the requirements of Alert Service Bulletin ASB-328-76-024 and must be performed not later than August 31, 1999.

Technical publication of the manufacturer:

Dornier Alert Service Bulletin No. ASB-328-76-024 Revision 1 dated August 05, 1998 and Dornier Service Bulletin No. SB-328-76-268 Revision 1 dated December 09, 1998, which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D-82230 Wessling
Federal Republik of Germany

Phone: ++49 8153 300
Fax: ++49 8153 304463

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Note:

This AD supersedes the AD-No. 1998-344/2 dated October 22, 1998.

Holders of affected aircraft registered in Germany have to observe the following:

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed

Instructions about Available Legal Remedies:

An appeal to this notice may be raised within a period of one month following notification. Appeals must be submitted in writing or registered at the Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig.

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LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CJVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTEARTØY

DORNIER - 56

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

98-082A "FLIGHT CONTROLS"

Påbudet gjelder:

Dornier 328-100.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1998-359/2.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 1998-359/2, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 1998-359/2.

Gyldighetsdato:

1999-03-01.



**Airworthiness
Directive
1998-359/2**

Bilag til LDP 98-092A

Luftfahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: January 28, 1999

Affected:

Kind of aeronautical product: Airplane
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: all
German Type Certificate No.: 2534

Subject:

Flight Controls - Flap System Malfunction and Engine Start

Reason:

The flaps can move down due to gravitational force while the aircraft is parked.

Note: This condition is not the result of a system fault therefore it is not necessary to replace any components however, in case the flap system is not properly reset an uncommanded flap retraction could occur during take off.

Action:

Insert the Temporary Revisions No. 04-051 and No. 05-037 into the Airplane Flight Manual.

Compliance:

Action must be done within 3 days after the effective date of this AD, unless already has been done.

Technical publication of the manufacturer:

Dornier 328 Airplane Flight Manual Temporary Revision No. 04-051 and No. 05-037, which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D-82230 Wessling
Federal Republik of Germany
Phone: ++49 8153 300
Fax: ++49 8153 304463

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Note:

This AD supersedes the AD-No. 1998-359 dated September 10, 1998.

Holders of affected aircraft registered in Germany have to observe the following:

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed

Instructions about Available Legal Remedies:

An appeal to this notice may be raised within a period of one month following notification. Appeals must be submitted in writing or registered at the Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY
DORNIER - 57

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

98-085 KONTROLL AV "ROLLSPOILER ACTUATOR"

Påbudet gjelder:

Dornier 328-100.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1998-358.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 1998-358, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 1998-358.

Gyldighetsdato:

1998-10-01.



**Airworthiness
Directive
1998-358**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: September 10, 1998

Affected:

Kind of aeronautical product: Airplane
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: 3005 up to 3095
German Type Certificate No.: 2534

Subject:

Flight Controls - Missinstallation of lockplate on rollspoiler actuator

Reason:

Missinstallation of the lockplates at the rollspoiler actuator were detected. The AMM did not reflect the correct installation of the rollspoiler actuator. A missinstalled lockplate could lead to a deformation on the fork, which may result in a fatigue fracture.

Action:

Inspect the rollspoiler actuator installation in accordance with the Dornier Service Bulletin.

Compliance:

Action must be done within the next 'A'-Check (300 Flight Hours).

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. SB-328-27-263 dated June 29, 1998, which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D-82230 Wessling
Federal Republik of Germany
Phone: ++49 8153 300
Fax: ++49 8153 304463

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Holders of affected aircraft registered in Germany have to observe the following:

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed

Instructions about Available Legal Remedies:

An appeal to this notice may be raised within a period of one month following notification. Appeals must be submitted in writing or registered at the Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig.

Enquiries regarding this Airworthiness Directive should be referred to Mr. Olaf Schneider, Airworthiness Directive Section at the above address, fax-no. 0049 531/2355-710. Please note, that in case of any difficulty, reference should be made to the German issue!

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY
DORNIER - 58

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

98-097 UTFØRELSE AV SB-328-30-265

Påbudet gjelder:

Dornier 328-100.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1998-423.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 1998-423, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 1998-423.

Gyldighetsdato:

1998-11-01.



**Airworthiness
Directive
1998-423**

Bilag til LDP 98-097

Luftfahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: November 05, 1998

Affected:

Kind of aeronautical product: Airplane
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: 3042 up to 3105
German Type Certificate No.: 2534

Subject:

Ice and rain protection - Airfoil de-ice tube

Reason:

A water trap in the de-ice tubing near the refueling panel on the RH Wing, could cause a blockage if frozen, without warning to the pilot.

Action:

Replacement of de-icing tube in accordance with the Dornier SB.

Compliance:

Action must be performed not later than December 31, 1998.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. SB-328-30-265 dated July 24, 1998, which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D-82230 Wessling
Federal Republik of Germany
Phone: ++49 8153 300
Fax: ++49 8153 304463

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Holders of affected aircraft registered in Germany have to observe the following:

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed

Instructions about Available Legal Remedies:

An appeal to this notice may be raised within a period of one month following notification. Appeals must be submitted in writing or registered at the Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY
DORNIER - 59

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

98-098 BRENNSTOFFLEKKASJE

Påbudet gjelder:

Dornier 328-100.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1998-419.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 1998-419, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 1998-419.

Gyldighetsdato:

1998-11-01.



**Airworthiness
Directive
1998-419**

Bilag til LDP 98-098

Luffahrt-Bundesamt

Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: October 22, 1998

Affected:

Kind of aeronautical product: Airplane
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: all, equipped with Pratt & Whitney Canada PW119B/C engines (up to S/N 116081 for PWC SB PW100-72-21364 and up to S/N 116137 for PWC SB PW100-72-21373)
German Type Certificate No.: 2534

Subject:

Engine Turbine/Turboprop - Fuel leakage

Reason:

To prevent engine fuel leakage, which can result in inflight engine shutdown or fire warnings.

Action:

Perform Pratt & Whitney Canada SB PW100-72-21364 and PW100-72-21373.

Compliance:

Action must be performed when one of the following occurs:

- at the next engine removal, regardless of cause or
- at the next fuel nozzle change or
- at latest prior to November 30, 1998

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. SB-328-72-272 dated August 12, 1998, which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D-82230 Wessling
Federal Republik of Germany
Phone: ++49 8153 300
Fax: ++49 8153 304463

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Holders of affected aircraft registered in Germany have to observe the following:

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed.

Instructions about Available Legal Remedies:

An appeal to this notice may be raised within a period of one month following notification. Appeals must be submitted in writing or registered at the Luffahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY
DORNIER - 60

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets
bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

99-002 KONTROLL AV "ROLL SPOILER ACTUATOR"

Påbudet gjelder:

Dornier 328-100.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1998-479.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 1998-479, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 1998-479.

Gyldighetsdato:

1999-01-01.

**Airworthiness
Directive
1998-479**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: December 17, 1998

Affected:

Kind of aeronautical product: Airplane
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: all
German Type Certificate No.: 2534

Subject:

Flight controls - Inspection of roll spoiler actuator

Reason:

There was found a leakage from a roll spoiler actuator housing, further investigation showed that the piston of the double shuttle valve had temporarily remained in the middle position allowing high pressure to reach the low pressure side of the roll spoiler actuator, this resulted in deformation of the housing cap and subsequent oil loss. To ensure correct operation of the roll spoilers, a detailed inspection of the LH spoiler actuator must be performed, a visual inspection and check of the RH spoiler actuator housing cap is also required.

Action:

Inspection of LH and RH roll spoiler actuator housings for signs of fluid leakage or deformation of the housing caps, inspect for gaps and torque check the cap attachment bolts on the LH roll spoiler actuator.

Compliance:

An initial inspection in accordance with the Alert Service Bulletin must be performed within the next 14 days. Repeat this inspection every 330 flight hours at latest.

Technical publication of the manufacturer:

Dornier 328 Alert Service Bulletin No. ASB-328-27-025 dated October 16, 1998, which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D-82230 Wessling
Federal Republik of Germany
Phone: ++49 8153 300
Fax: ++49 8153 304463

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Holders of affected aircraft registered in Germany have to observe the following:

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed

Instructions about Available Legal Remedies:

An appeal to this notice may be raised within a period of one month following notification. Appeals must be submitted in writing or registered at the Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig.

Luftfartstilsynet
Postboks 8050 Dep., 0031 Oslo
Besøksadresse:
Rådhusgata 2, Oslo
Telefon : 23 31 78 00
Telefax : 23 31 79 95
e-post: postmottak@caa.dep.no

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 61

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, § 15-4 jf. § 4-1 og det vedtak om delegering av myndighet til Luftfartstilsynet av 10. desember 1999 nr. 1273

99-024B MODIFIKASJON AV "WINDSHIELD WASH SYSTEM"

Påbudet gjelder:

Dornier 228.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1999-030/3.

Tid for utførelse:

Innen 2003.12.31.

Referanse:

LBA AD 1999-030/2.

Gyldighetsdato:

2003.10.10.

BLANK



**Airworthiness
Directive
1999-030/3**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: May 29, 2003

Affected:

Kind of aeronautical product: Airplane
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 228
Models affected: all, equipped with windshield wash system (option 3109)
Serial numbers affected: all
German Type Certificate No.: 2031a, 2031b and 2031c

Subject:

Ice and rain protection - Modification of Windshield wash system

Reason:

Smoke in the cockpit during pre-flight due to overheating of the windshield spray nozzle heating elements.

Action:

Installation of the spray nozzles in a protective housing and modification of electrical wiring. This is the terminating action for those aircraft with option 3109 and assy P/N A-926054A00C installed.

All necessary measures must be accomplished in accordance with the mentioned Service Bulletin of the manufacturer.

Compliance:

The action must be performed until December 31, 2003 at latest.

Technical publication of the manufacturer:

Dornier 228 Service Bulletin No. SB-228-235 Revision 1 dated December 18, 2001 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild Dornier GmbH
P.O. Box 11 03
D-82230 Wessling / Germany

Phone: ++ 49 8153 300 Fax: ++ 49 8153 304463

Note:

This AD supersedes the AD-No. 1999-030/2 dated April 08, 1999.

Holders of affected aircraft registered in Germany have to observe the following:

Action has to be accomplished by the owner of the aircraft or an approved service station and to be checked and entered in the log book by a licensed inspector.

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed.

An appeal to this notice may be raised within a period of one month following notification. Appeals are to be raised with the Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig, in writing or for the purpose of drawing up minutes.

Muster: Dornier
Dornier 228

AD der ausländischen Behörde:
-keine-

Geräte-Nr.:
2031a, 2031b, 2031c

Technische Mitteilungen des Herstellers:
Dornier 228 Service Bulletin No. SB-225-235 Revision 1 vom
18.12.2001

Betroffenes Luftfahrtgerät:

Dornier
Dornier 228

- **Baureihen:** alle, ausgestattet mit ``windshield spray nozzle`` Option SCN 3109
- **Werk-Nrn.:** alle

Betrifft:

Eis- und Regenschutzanlage
- ggf. Überhitzung von Bauteilen der Enteisungsanlage (``wind-shield spray nozzle``) / Option SCN 3109

Der o.g. Lufttüchtigkeitsmangel kann zu erheblichen Betriebsstörungen, mit Rauchbildung im Cockpit und Brandgefahr im vorderen Gepäckraum, führen.

Maßnahmen:

Im Rahmen der Durchführung dieser Lufttüchtigkeitsanweisung sind folgende Maßnahmen vorgesehen:
Modifikation der Windschutzscheiben-Waschanlage (Einbau geschützter Sprühdüsen und Modifikation der elektrischen Verkabelung) gemäß den Angaben der Technischen Mitteilung.

Fristen:

Durchführung der Maßnahmen bis spätestens 31.12.2003.

Durch die vorgenannten Mängel ist die Lufttüchtigkeit des Luftfahrtgerätes derart beeinträchtigt, daß es nach Ablauf der genannten Fristen nur in Betrieb genommen werden darf, wenn die angeordneten Maßnahmen ordnungsgemäß durchgeführt worden sind. Im Interesse der Sicherheit des Luftverkehrs, das in diesem Fall das Interesse des Adressaten am Aufschub der angeordneten Maßnahmen überwiegt, ist es erforderlich, die sofortige Vollziehung dieser LTA anzuordnen.

Rechtsbehelfsbelehrung:

Gegen diese Verfügung kann innerhalb eines Monats nach Bekanntgabe Widerspruch eingelegt werden. Der Widerspruch ist schriftlich oder zur Niederschrift beim Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig einzulegen.

LTAs werden auch im Internet unter <http://www.lba.de> publiziert

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY
DORNIER - 62

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

99-025 UTSKIFTING AV "DE-ICING SYSTEM TIMER"

Påbudet gjelder:

Dornier 328-100 som har serienummer som beskrevet i vedlagte kopi av LBA AD 1999-027.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1999-027.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 1999-027, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 1999-027.

Gyldighetsdato:

1999-03-01.



**Airworthiness
Directive
1999-027**

Bilag til LDP 99-025

Luftfahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: February 11, 1999

Affected:

Kind of aeronautical product: Airplane
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: 3005 up to 3050
German Type Certificate No.: 2534

Subject:

Ice and rain protection - Improvement of propeller blade overheat protection

Reason:

A failure sequence consisting of a short circuit in the propeller and/or airframe de-ice wiring with a subsequent failure of the timer/monitor. It is possible that constant electrical current can flow through the closed relay and shorted circuit, even if the aircraft de-ice switch is „OFF“, which could cause propeller blade overheat.

Action:

Exchange of the „de-icing system timer“ in accordance with the Dornier Service Bulletin.

Note: It is prohibited to install de-icing system timer having P/N A-5639-2 or 4E2947-2

Compliance:

The action must be done until 11.08.1999 at latest.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. SB-328-30-164 dated April 30, 1996, which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D-82230 Wessling
Federal Republik of Germany
Phone: ++49 8153 300
Fax: ++49 8153 304463

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Holders of affected aircraft registered in Germany have to observe the following:

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed

Instructions about Available Legal Remedies:

An appeal to this notice may be raised within a period of one month following notification. Appeals must be submitted in writing or registered at the Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 63

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

99-026 KONTROLL/MODIFIKASJON AV BRANNSLUKNINGSAPPARAT

Påbudet gjelder:

Dornier 328-100 som har serienummer som beskrevet i vedlagte kopi av LBA AD 1999-057.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1999-057.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 1999-057, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 1999-057.

Gyldighetsdato:

1999-03-01.



**Airworthiness
Directive
1999-057**

Diag III LDP 99-026

Luftfahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: February 25, 1999

Affected:

Kind of aeronautical product: Airplane
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: 3005 up to 3127, equipped with APU (Option No. 490-001)
German Type Certificate No.: 2534

Subject:

Fire Protection - Inspection of discharge cartridge of APU fire extinguisher

Reason:

During maintenance it was found that an APU fire extinguisher could not be activated correctly caused by contamination of the discharge cartridge with humidity and de-icing fluid.

Action:

Inspection and modification of in accordance with the Dornier Alert Service Bulletin.

Compliance:

In flight operation of APU is prohibited until inspection and modification has been accomplished. Inspection and modification must be done not later than April 30, 1999.

Technical publication of the manufacturer:

Dornier 328 Alert Service Bulletin No. ASB-328-26-026 dated February 01, 1999 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D-82230 Wessling
Federal Republik of Germany
Phone: ++49 8153 300
Fax: ++49 8153 304463

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Holder of affected aircraft registered in Germany have to observe the following:

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed

Instructions about Available Legal Remedies:

An appeal to this notice may be raised within a period of one month following notification. Appeals must be submitted in writing or registered at the Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig.

Enquiries regarding this Airworthiness Directive should be referred to Mr. Olaf Schneider, Airworthiness Directive Section at the above address, fax-no. 0049 531/2355-720. Please note, that in case of any difficulty, reference should be made to the German issue!

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tigr. : CIVILAIR
Telex : 71032 enfb n

MOTORDREVNE
LUFTFARTØY

DORNIER - 64

LUFTDYKTIGHETSPÅBUD (LDP)

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

99-027 **MODIFIKASJON AV "PASSENGER WARNING LIGHT SWITCH"**

Påbudet gjelder:

Dornier 328-100 som har serienummer som beskrevet i vedlagte kopi av LBA AD 1999-053.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1999-053.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 1999-053, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 1999-053.

Gyldighetsdato:

1999-03-01.



**Airworthiness
Directive
1999-053**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: February 25, 1999

Affected:

Kind of aeronautical product: Airplane
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: 3005 up to 3093 and 3095 up to 3111
German Type Certificate No.: 2534

Subject:

Lights - Passenger warning light switch modification

Reason:

The on/off switching of the „Fasten Seat Belt“ and „No Smoking“ warning lights must be independent from the reading light switch at the flight attendants panel in accordance with the FAR/JAR § 25.791 (a) and (b) requirements.

Action:

Exchange of flight attendants panel and wiring modification in accordance with the instructions given in the Dornier 328 Service Bulletin.

Compliance:

The action must be done prior June 30, 1999.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. SB-328-33-271 dated September 17, 1998 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D-82230 Wessling
Federal Republik of Germany
Phone: ++49 8153 300
Fax: ++49 8153 304463

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Holders of affected aircraft registered in Germany have to observe the following:

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed

Instructions about Available Legal Remedies:

An appeal to this notice may be raised within a period of one month following notification. Appeals must be submitted in writing or registered at the Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig.

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

MOTØRDREVNE
LUFTFARTØY

DORNIER - 65

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

99-028 UTFØRELSE AV SERVICE BULLETIN SB-328-27-279

Påbudet gjelder:

Dornier 328-100 som har serienummer som beskrevet i vedlagte kopi av LBA AD 1999-054.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 1999-054.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 1999-054, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 1999-054.

Gyldighetsdato:

1999-03-01.



**Airworthiness
Directive
1999-054**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: February 25, 1999

Affected:

Kind of aeronautical product: Airplane
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 328
Models affected: Dornier 328-100
Serial numbers affected: 3005 up to 3103
German Type Certificate No.: 2534

Subject:

Flight Controls - Missinstallation of pushbutton spacer

Reason:

Protrusion of the disarm switch for the stick pusher due to a possible missinstallation could allow unintentional operation of the switch during entry into the cockpit. The status of the disarmed stick pusher is indicated by an OFF light in the pushbutton and by a CAS message PUSH DISARM. **Resetting of the stick pusher is only possible on ground.**

Action:

Inspect the stick pusher disarm switch/light on the center pedestal and, if required, relocate the switch spacer on the RH miscellaneous panel 33VE.

Compliance:

The action must be done at the next A-Check at latest.

Technical publication of the manufacturer:

Dornier 328 Service Bulletin No. SB-328-27-279 dated November 17, 1998 which becomes herewith part of this AD and must be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D-82230 Wessling
Federal Republik of Germany
Phone: ++49 8153 300
Fax: ++49 8153 304463

Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

Holders of affected aircraft registered in Germany have to observe the following:

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed

Instructions about Available Legal Remedies:

An appeal to this notice may be raised within a period of one month following notification. Appeals must be submitted in writing or registered at the Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig.

Luftfartstilsynet
1. tilsynsavdeling
Postboks 8050 Dep., 0031 Oslo
Besøksadresse:
Rådhusgata 2, 0031 Oslo
Telefon : 23 31 78 00
Telefax : 23 31 79 96
e-post: postmottak@caa.dep.no

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 66

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartstilsynet følgende forskrift om luftdyktighet.

2001-009 UTFØRELSE AV SERVICE BULLETIN SB-228-234

Påbudet gjelder:

Dornier 228 modeller og serienummer som beskrevet i vedlagte kopi av LBA AD 2001-045.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 2001-045.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 2001-045, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 2001-045.

Gyldighetsdato:

2001-02-01.



**Airworthiness
Directive
2001-045**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: January 26, 2001

Affected:

Kind of aeronautical product: Airplane
Manufacturer: Dornier, Wessling, Germany
Type: Dornier Do 28 D-6, Dornier 228-101 and Dornier 228
Models and Serial numbers affected: Dornier 228-100 and -101
S/N 7003 up to 7116, 7167 and 7168
Dornier 228-200, -201, -202 and -212
S/N 8002 and up
German Type Certificate No.: 2031a, 2031 b and 2031 c

Subject:

Horizontal Stabilizer Leading Edge and Ribs – Inspection for cracks

Reason:

Horizontal tail, skin and ribs of the horizontal stabilizer, ATA- Code 55-10-00, - cracking around the riveted joints of the horizontal stabilizer skin and ribs caused by corrosion and material fatigue - this defect may cause extensive detachment of the horizontal stabilizer skin in flight, leading to a loss of aircraft controllability.

Action:

Within the framework of this AD, the following actions are to be accomplished:

1. Visual inspection of the components concerned for signs of cracks and detachment of parts of the skin.
2. Repetition of this inspection at fixed intervals.
3. Repair of the components concerned, if during the inspections damage beyond allowable limits has been found.
4. Reporting of the inspection results to

Luftfahrt-Bundesamt
Division M2
P.O.B. 3054
D-38020 Braunschweig
Fax: ++49 (0) 531 2355-721

All necessary actions are to be accomplished in accordance with Dornier Service Bulletin SB-228-234 dated October 13, 2000.

Compliance:

Actions to be accomplished within the following delays:

- Action 1: Within 10 flight hours
2: Every 100 flight hours
3: Prior to the next flight after detection of the damage.
4: Immediately after accomplishment of the visual inspection, if defects are detected.

Technical publication of the manufacturer:

Dornier 228 Service Bulletin No. SB-228-234 dated October 13, 2000 which becomes herewith part of this AD can be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03
D-82230 Wessling

Federal Republik of Germany

Enquiries regarding this Airworthiness Directive should be referred to Mr. Olaf Schneider, Airworthiness Directive Section at the above address, fax-no. 0049 531/2355-720. Please note, that in case of any difficulty, reference should be made to the German issue!

Phone: ++ 49 8153 300
Fax: ++ 49 8153 304463

Accomplishment and log book entry:

Action to be accomplished by the owner of the aircraft or an approved service station and to be checked and entered in the log book by a licensed inspector.

Holders of affected aircraft registered in Germany have to observe the following:

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed.

Instructions about Available Legal Remedies:

An appeal to this notice may be raised within a period of one month following notification. Appeals must be submitted in writing or registered at the Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig.

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Luftfartstilsynet
1. tilsynsavdeling
Postboks 8050 Dep., 0031 Oslo
Besøksadresse:
Rådhusgata 2, 0031 Oslo
Telefon : 23 31 78 00
Telefax : 23 31 79 96
e-post: postmottak@caa.dep.no

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 67

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartstilsynet følgende forskrift om luftdyktighet.

2001-033 UTFØRELSE AV SERVICE BULLETIN SB-228-236

Påbudet gjelder:

Alle Dornier 228 modeller som er beskrevet i vedlagte kopi av LBA AD 2001-164.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 2001-164.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 2001-164, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 2001-164.

Gyldighetsdato:

2001-06-05.



**Airworthiness
Directive
2001-164**

Luffahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: June 14, 2001

Affected:

Kind of aeronautical product: Airplane
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 228
Models affected: Dornier 228-212
Serial numbers affected: all, equipped with Brake Assemblies P/N 5009850-1, -2, -3 and -4
German Type Certificate No.: 2031 c

Subject:

Landing Gear - Brake Assembly (Carbon Brake)

Reason:

Operators have reported a failure of the brake housing and have requested a repair to extend the life of the brake housing.

Action:

Inspection and rework of the brake housing in accordance with the instructions of the Service Bulletin.

Compliance:

The action must be accomplished at the next brake removal or within 300 FH - whichever comes first.

Technical publication of the manufacturer:

Dornier 228 Service Bulletin No. SB-228-236 dated January 11, 2001 which becomes herewith part of this AD can be obtained from Messrs.:

Fairchild / Dornier
P.O. Box 11 03

D-82230 Wessling
Federal Republik of Germany

Phone: ++ 49 8153 300
Fax: ++ 49 8153 304463

Accomplishment and log book entry:

Action to be accomplished by the owner of the aircraft or an approved service station and to be checked and entered in the log book by a licensed inspector.

Holders of affected aircraft registered in Germany have to observe the following:

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed.

Instructions about Available Legal Remedies:

An appeal to this notice may be raised within a period of one month following notification. Appeals must be submitted in writing or registered at the Luffahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig.

Luftfartstilsynet
1. tilsynsavdeling
Postboks 8050 Dep., 0031 Oslo
Besøksadresse:
Rådhusgata 2, 0031 Oslo
Telefon : 23 31 78 00
Telefax : 23 31 79 95
e-post: postmottak@caa.dep.no

LUFTDYKTIGHETSPÅBUD (LDP)

MOTORDREVNE
LUFTFARTØY

DORNIER - 68

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartstilsynet følgende forskrift om luftdyktighet.

2002-075 MODIFIKASJON AV AIR CONDITIONING SYSTEMET

Påbudet gjelder:

Alle Dornier 28 D-6 og Do 228 modeller som er beskrevet i vedlagte kopi av LBA AD 2002-264.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av LBA AD 2002-264.

Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av LBA AD 2002-264, med virkning fra denne LDP's gyldighetsdato.

Referanse:

LBA AD 2002-264.

Gyldighetsdato:

2002-10-18.



**Airworthiness
Directive
2002-264**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

Dornier

Effective Date: September 19, 2002

Affected:

Kind of aeronautical product: Airplane
Manufacturer: Dornier, Wessling, Germany
Type: Dornier 28 D-6 (TCDS: 2031a),
Dornier 228-101 (TCDS: 2031b) and
Dornier 228 (TCDS: 2031c)
Models affected: TCDS 2031a: Dornier 228-100 and -200
TCDS 2031b: Dornier 228-101, -201 and -202
TCDS 2031c: Dornier 228-212
Serial numbers affected: all, with Option P05 and or P09
German Type Certificate No.: 2031a, 2031b and 2031c

Subject:

Air Conditioning - Change of Cockpit and Cabin Auxiliary Heating Wiring

Reason:

Overheating situation of the internal Heater Coil.

Action:

Modification of the internal wiring of the Cockpit and Cabin Auxiliary Heaters in accordance with the instructions of the Service Bulletin.

Note: Incorporation of this AD replaces the requirements of the All Operator Telefax No. AOT-228-21-024.

Compliance:

Actions must be performed on December 31, 2002 at latest.

Technical publication of the manufacturer:

Dornier 228 Service Bulletin No. SB-228-249 dated November 19, 2001 which becomes herewith part of this AD can be obtained from Messrs.:

Fairchild Dornier GmbH
P. O. Box 11 03
D-82230 Wessling / Germany

Phone: ++ 49 8153 300 Fax: ++ 49 8153 304463

Holders of affected aircraft registered in Germany have to observe the following:

Action has to be accomplished by the owner of the aircraft or an approved service station and to be checked and entered in the log book by a licensed inspector.

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed.

An appeal to this notice may be raised within a period of one month following notification. Appeals are to be raised with the Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig, in writing or for the purpose of drawing up minutes.

Enquiries regarding this Airworthiness Directive should be referred to Mr. Olaf Schneider, Airworthiness Directive Section at the above address, fax-no. 0049 531/2355-720. Please note, that in case of any difficulty, reference should be made to the German issue!



Luftfahrt-Bundesamt

Lufttüchtigkeitsanweisung
LTA-Nr.: 2002-264

Datum der Bekanntgabe: 19.09.2002

Muster: Dornier
DO 28 D-6
Dornier 228-101
Dornier 228

AD der ausländischen Behörde:
-keine-

Geräte-Nr.:
2031a, 2031b, 2031c

Technische Mitteilungen des Herstellers:
Dornier 228 Service Bulletin No. SB-228-249 vom 19.11.2001

Betroffenes Luftfahrtgerät:

Dornier
DO 28 D-6, Dornier 228-101, Dornier 228

- **Baureihen:** Dornier 228-100 und -101
Dornier 228-200, -201, -202 und -212

- **Werk-Nrn.:** alle, ausgestattet mit Option P05 und / oder P09

Betrifft:

Klimaanlage, Zusatzheizung im Bereich des Cockpit und der Kabine.
Durch einen internen Fehler der elektrischen Anlage der Zusatzheizung kann es zur Überhitzung der Zusatzheizung mit anschließender Rauchbildung kommen

Maßnahmen:

Im Rahmen der Durchführung dieser Lufttüchtigkeitsanweisung sind folgenden Maßnahmen vorgesehen:
Modifikation der Verkabelung der Zusatzheizung im Cockpit und in der Kabine gemäß den Angaben der Technischen Mitteilung.

Hinweis: Nach Durchführung der o. g. Modifikation entfallen die Anweisungen des All Operator Telefax No. AOT-228-21-024.

Fristen:

Durchführung bis spätestens 31.12.2002.

Durch die vorgenannten Mängel ist die Lufttüchtigkeit des Luftfahrtgerätes derart beeinträchtigt, daß es nach Ablauf der genannten Fristen nur in Betrieb genommen werden darf, wenn die angeordneten Maßnahmen ordnungsgemäß durchgeführt worden sind. Im Interesse der Sicherheit des Luftverkehrs, das in diesem Fall das Interesse des Adressaten am Aufschub der angeordneten Maßnahmen überwiegt, ist es erforderlich, die sofortige Vollziehung dieser LTA anzuordnen.

Rechtsbehelfsbelehrung:

Gegen diese Verfügung kann innerhalb eines Monats nach Bekanntgabe Widerspruch eingelegt werden. Der Widerspruch ist schriftlich oder zur Niederschrift beim Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig einzulegen.

LTA's werden auch im Internet unter <http://www.lba.de> publiziert

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