
Revision Transmittal Sheet

This sheet transmits Revision 1 to Alert Service Bulletin ASB-328J-28-014 titled: FUEL – Inspection of drain installation for auxiliary fuel tanks.

This is a complete Revision. This SB has been reprinted in its entirety. All previous editions must be destroyed.

NOTE: This Revision does require further action.

Reason for Revision:

Page 1 : Compliance revised.

Page 2 : Manpower revised, Material revised.

Page 3 : Para A2 and A3 added, Para B1 added.

Page 4 : Para B2d and B2e modified..

Page 5 : Para B3c modified, Para C2 added.

Page 6: Material Parts List added.

Page 8: Fig. 2 added

Note: The changes are marked with revision marker at the right hand page margin.

This Revision Transmittal Sheet is Part of ASB-328J-28-014 Revision 1.

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Title: FUEL – Inspection of drain installation for auxiliary fuel tanks.

1. PLANNING INFORMATION

Effectivity

Dornier 328-300.
LBA-Geräte-Kennblatt-Nr.: 2534.
Serial-No's: All Aircraft with option 033F003 installed.

Reason

During maintenance, leakage has been detected at one of the drain lines for the auxiliary fuel tank.

Description

Inspection of all drain lines for the auxiliary fuel tank system.

Compliance

Mandatory:
The flame arrestor test must be performed not later than one week after receipt of this Alert Service Bulletin

Approval

The technical content of this Alert Service Bulletin is approved under authority of LBA approved design organization LBA.JA.002.
This modification is covered by type design.



It is the operator's responsibility to comply with the relevant aviation regulations of the country in which the aircraft is registered.

Manpower

A Flame arrestor test/ Initial pressure test

Access:	4,5 Mhrs.
Inspection:	2,0 Mhrs.
Close-up:	4,5 Mhrs.
Functional checks:	0,0 Mhrs.
Total:	11,0 Mhrs.

B Detailed inspection

Access:	30,0 Mhrs.
Inspection:	5,0 Mhrs.
Close-up:	30,0 Mhrs.
Functional checks:	10,0 Mhrs.
Total:	75,0 Mhrs.

Material

According to Material Parts List

Special Tools

Pressure device (Pitot/Static Tester or equivalent).

Weight and Balance

Not affected.

Electrical Load Data

Not affected.

References

Not affected.

Other Publications Affected

Not affected.

Reporting

Compliance of this Service Bulletin must be reported to AvCraft Aerospace GmbH Customer Services Department using the Compliance Report for Configuration Control.

2. ACCOMPLISHMENT INSTRUCTIONS

A Preparation

CAUTION: Obey the Safety Precautions and the General Maintenance Practices according to the AMM JIC Chapter 00.

- (1) Make the aircraft safe for maintenance according to AMM JIC 00-30-01.
- (2) Remove LH and RH battery according to AMM JIC 24-32-01.
- (3) Remove following panels according AMM JIC 06-40-02: 252-CR,251-CL, 253-FT, 253-JT to get access to the relevant drain holes of the drain system (also refer to AIPC chapter 28-12-00 Fig. 3)

B Inspection

NOTE: To reduce the downtime of the aircraft, the detailed inspection can be performed at next C-check, if the flame arrestor test and initial pressure test is without results.

- (1) Flame arrestor test

NOTE: The flame arrestor test has to be performed at LH and RH flame arrestor.

- (a) Open wiggins-clamps (refer to AMM JIC 20-30-19) and remove flame arrestor; refer to Fig. 2.
- (b) Check flame arrestor for blockage/ foreign objects:
If the flame arrestor was blocked, the initial pressure test must be repeated even when performed according Alert Service Bulletin ASB-328J-28-014 initial issue.

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If the flame arrestor was not blocked, the initial pressure test must not be repeated when already performed according Alert Service Bulletin ASB-328J-28-014 initial issue.

- (c) Clean flame arrestor; use dry cleaning solvent CML No. 11-001 or equivalent.
- (d) Using pressurized air, check that the drain lines from flame arrestor upwards and downwards are not blocked/clogged;

NOTE: For check of the upward drain lines, close sequentially two of the three upper drain holes.

- (e) Re-install flame arrestor; use new o-rings (item no. 1) for wiggins clamps.

(2) Initial pressure test

- (a) Remove following panels according AMM JIC 06-40-02: 252-CR,251-CL, 253-FT, 253-JT to get access to the relevant drain holes of the drain system (also refer to AIPC chapter 28-12-00 Fig. 3)

- (b) Close tight respective drain holes (LH & RH front, middle, rear) with adequate device like soft rubber/silicone plugs or equivalent.

NOTE: Additional sealing of the plugs with adequate sealing compound (CML No. 09-010 or equivalent) may be necessary.
If necessary, remove drain mast (see Fig.1) for easy connection.

- (c) Connect an adequate pressure/suction device at the drain line and build up a pressure of approximately 700 mbar(10 psi) or an equivalent vacuum and check leakage at drain line.
- (d) If there is no leakage or a pressure decrease/increase of less than 100 mb/ 10 minutes (1,45 psi/10minutes) proceed with para. C and perform para B3 of this Service Bulletin at next C- check.

NOTE: Ensure, that a possible pressure drop is not caused by inserted plugs or the connection of the pressure/suction device. If leakage is detected inspect lower section of drain line (beginning from battery compartment first (unpressurised area), before proceeding with para B3.

- (e) If there is leakage/ pressure decrease/increase of more than 100 mb/ 10 minutes (1,45 psi/10minutes) proceed with para. B3.

(3) Detailed Inspection

- (a) Remove equipment (e.g. seats, floor covers, lining etc.) according the respective AMM JIC's as necessary to get access to relevant drain lines (see AIPC chapter 28-12-00 Fig. 3).
- (b) Perform a detailed inspection of the relevant drain line; refer to AMM JIC 20-30-10 and 20-30-12.
- (c) If necessary, repair respective drain line according to AMM JIC 20-30-10 and/or replace affected tube by a new one.
- (d) Perform a pressure test according para B2.
- (e) Re-install all removed equipment according the respective AMM JIC's and perform functional tests/checks as necessary.

C Close-up

- (1) Perform a foreign object inspection in and around the modification area.
- (2) Re-install LH ad RH battery according to AMM JIC 24-32-01.
- (3) Close all opened panels according to AMM JIC 06-40-02.
- (4) Return aircraft to a flyable status.

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3. MATERIAL INFORMATION

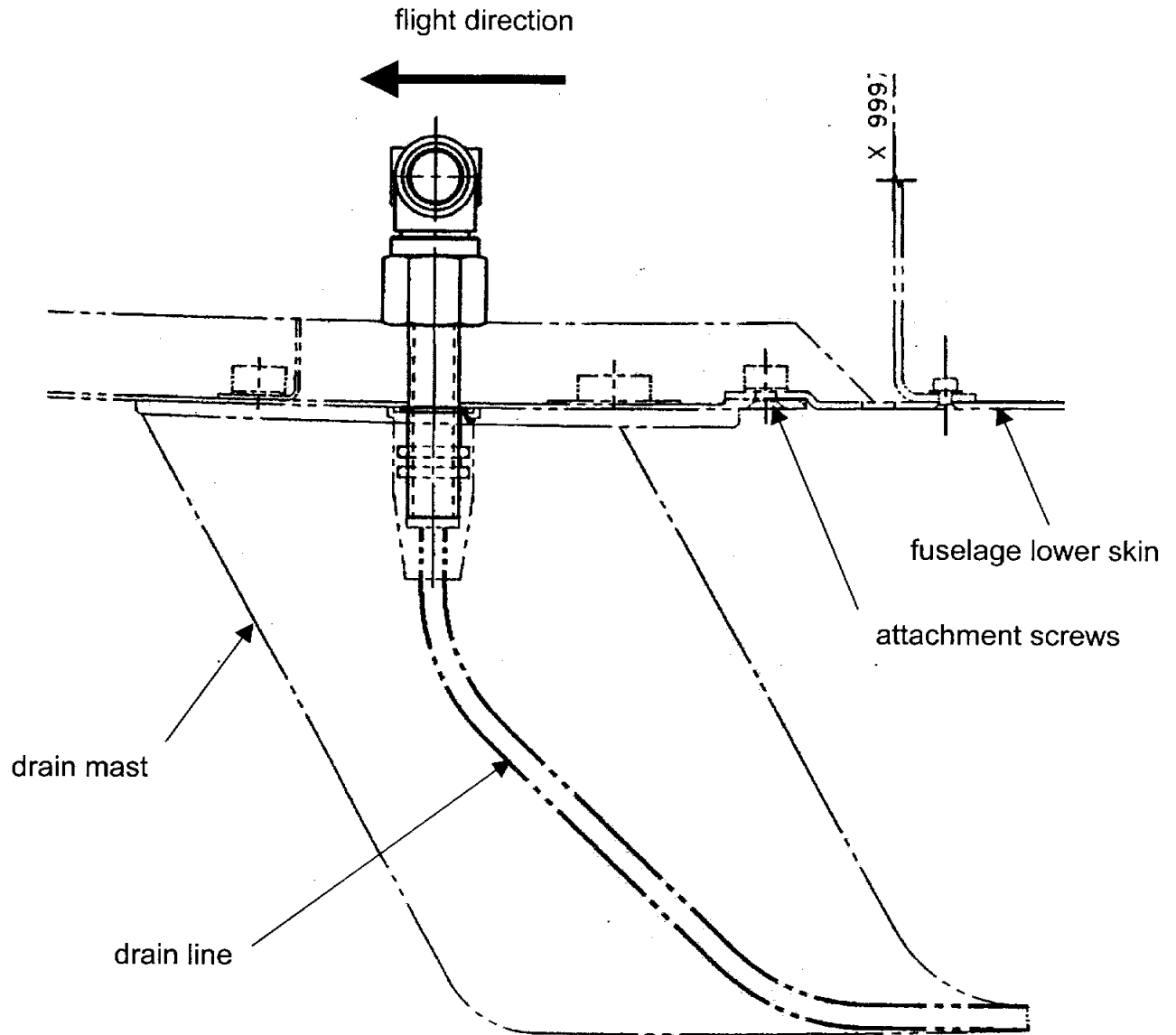
A Material Parts List

The following expendables to be provided by operator and/or ordered separately (not part of the Kit):

Item No	P/N	Qty	Nomenclature	Remark
1	DIN65202A0140M2	8	o-ring	
1a	M25988-1-015	8	o-ring	alternate

The following consumables to be provided by operator and/or ordered separately in commercial quantity (not part of the Kit):

2	MIL-PRF-680, type I or type II	a.r.	Dry cleaning solvent	CML No.11-001
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**Fig.1**Model Dornier 328JRev. No. 1No. ASB-328J-28-014Rev. Date. Jul 08, 2004Date of Issue June 08, 2004Page 7 of 8

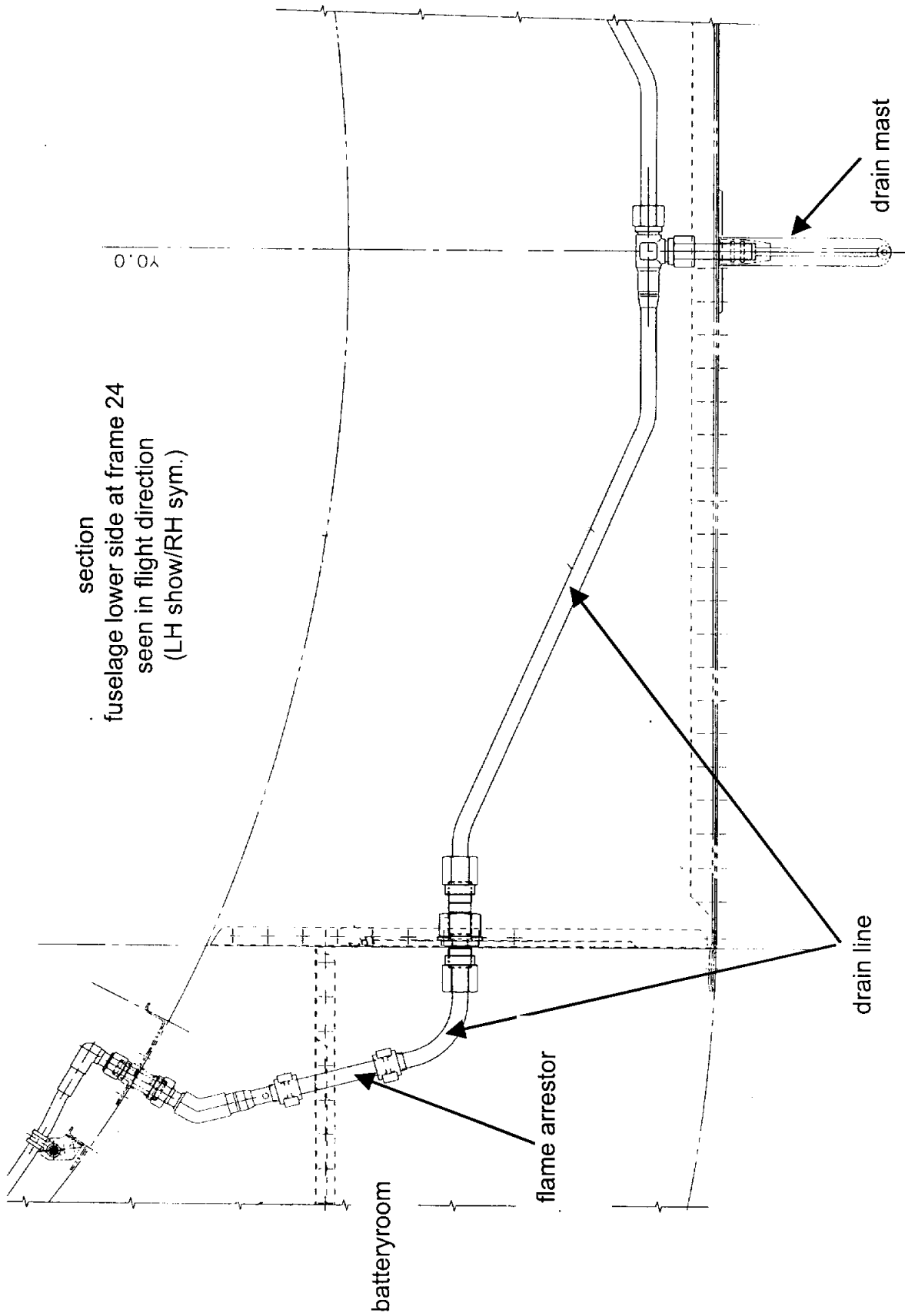


Fig.2



**PRICE INFORMATION FOR SERVICE BULLETIN
ASB 328J-28-014 Rev. 1**

- 1. Special Flat Rate Price per SB Kit, only valid when purchase order is placed with reference to the Service Bulletin and AC Serial No:**

No material kit necessary/available!

- 2. Availability/Lead Time:**

- 3. Remarks:**

N/A

- 4. Manhours:**

Provided by operator.

This Price/Material Information Sheet is considered to be part of ASB-328J-28-014 Rev. 1.

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