

RECOMMENDED SERVICE BULLETIN

NO. RSB 40-045

NO. RSB D4-033

I. TECHNICAL DETAILS

1.1 Category

Recommended.

1.2 Airplanes affected

DA 40: 40.006 - 40.079, 40.081 - 40.083, 40.201 - 40.429, equipped with ELT ACK-01

DA 40 D: 40.080, 40.084, D4.001 - D4.090, D4.092 - D4.100, D4.102 - D4.105, D4.107 - D4.114,
D4.117 - D4.121, D4.123 - D4.125, D4.128, D4.132, equipped with ELT ACK-01

1.3 Time of Compliance

On holders discretion.

1.4 Subject

The installation of a EMI-Filter on the ELT Remote Control Cable.

ATA-Code: 25-60

1.5 Reason

Some occurrences have become known in which the ACK-01 ELT has begun to send signals, triggered by normal use of the COM.

Investigations have shown that this is possible if the COM antenna cable and the ELT Remote Control Cable have been moved from the original position.

If such an occurrence happened, to avoid further unintentional triggering of the ACK-01 ELT a EMI-Filter can be installed on the ELT Remote Control Cable.

1.6 Concurrent documents

Drawing No. DA4-2560-00-00-SB

1.7 Approval

The technical information or instructions contained in this document relate to the Design Change Advisory No. MÄM 40-148 which has been approved under the authority of EASA Design Organization Approval No. EASA.21J.052.

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1.8 Accomplishment/Instructions

NOTE

All works must be done in accordance with the instructions given in the Airplane Maintenance Manual Doc. No. 6.02.01.

- Install EMI-Filter on ELT Remote Control Cable in accordance to drawing no. DA4-2560-00-00-SB

1.9 Mass (Weight) and CG

Changes onto Mass and CG are negligible.

II. PLANNING INFORMATION

2.1 Material & Availability

All parts can be ordered from Diamond Aircraft Industries GmbH or from your local General Distributor or Diamond Service Center.

NOTE

When purchasing parts at Diamond Aircraft in Wiener Neustadt, order parts by the numbers given in parenthesis, if specified.

<u>Qty</u>	<u>Description</u>	<u>Part Number</u>
1	EMI-Filter	0443164251B
1	TyRap	MS3367-4-9

2.2 Special Tools

No special tools are required.

2.3 Labor effort

0.75 hours

2.4 Credit

Not applicable.

2.5 Reference documents

- DA 40 Series Airplane Maintenance Manual, Doc. No. 6.02.01.

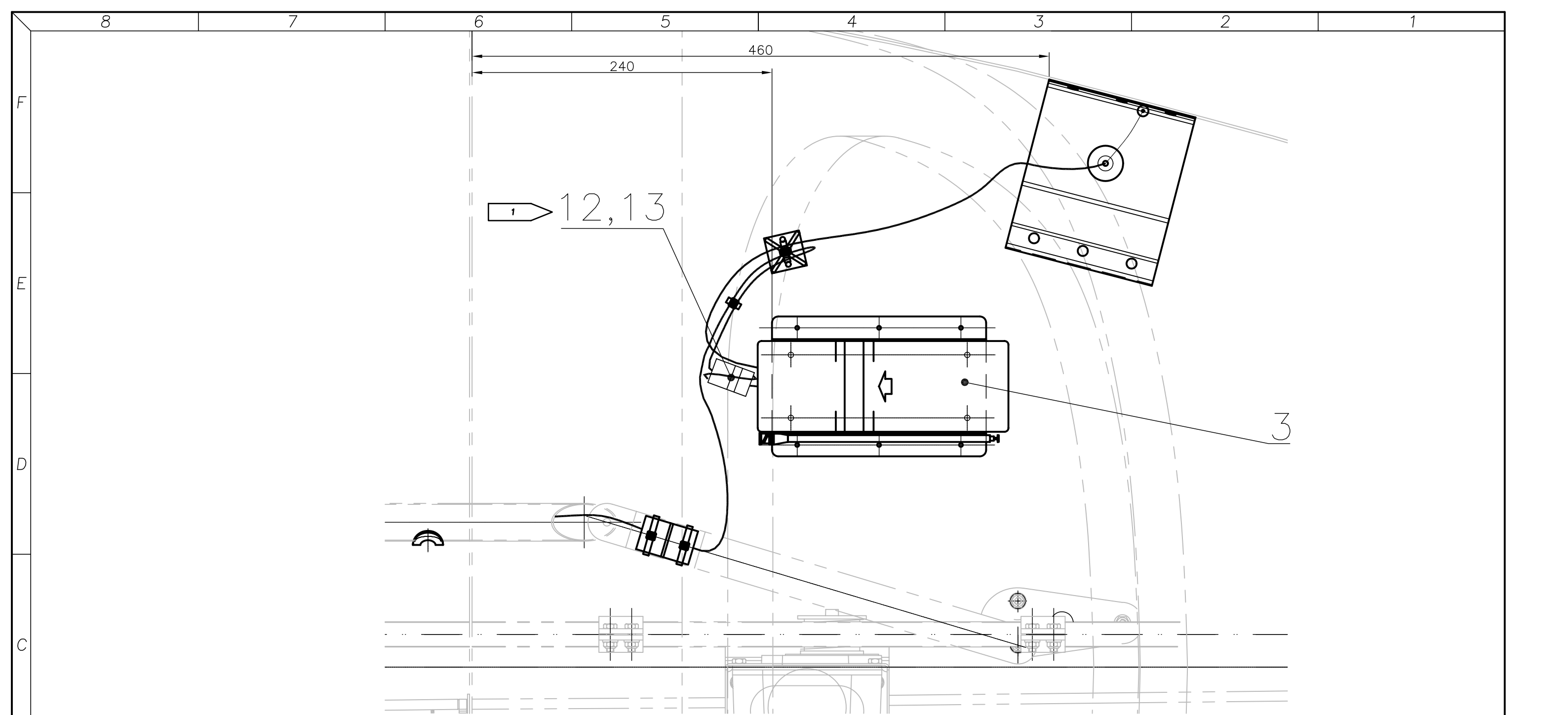


Diamond Aircraft Industries G.m.b.H.
N.A. Otto-Straße 5
A-2700 Wiener Neustadt

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III. REMARKS

1. All measures must be carried out by the manufacturer, a certified aircraft service station or a certified aircraft maintenance mechanic.
2. Accomplishment of the measures must be confirmed in the log book.
3. In case of doubt, contact Diamond Aircraft.



Notes / Hinweise zur Fertigung:

1 INSTALL FILTER AS CLOSE TO ELT UNIT AS POSSIBLE AND SECURE WITH TYRAP.

13	-	1	MS3367-4-9	TYRAP		
12	-	1	0443164251B	EMI FILTER		FAIR-RITE
Pos.	Stk. L	Stk. R	Teile Nr.:	Benennung	Orientierung/Abmessung	Lieferant/Bemerkung

3	-	1	E-01	ELT System		ACK
Pos.	Stk. L	Stk. R	Teile Nr.:	Benennung	Orientierung/Abmessungen	Lieferant/Bemerkung
DIESE UNTERLAGE IST UNSER GEISTIGES EIGENTUM UND DARF OHNE UNSERE AUSDRUECKLICHE GENEHMIGUNG WEDER VERVIELFAELTIGT NOCH DRITTEN PERSONEN UEBERLASSEN WERDEN! UEBERTRETUNGEN UNTERLIEGEN DER VERFOLGUNG NACH DEM URHEBERRECHT. DIAMOND AIRCRAFT INDUSTRIES GmbH				Freimass-toleranzen : DIN 7168 m ISO 2768 m OeN M 1365 m	Masstab : NTS Benennung : ELT Einbau; ELT Installation	
				04 Datum Name Bearb. 22.07. KOWARSCH Gepr.	Diamond AIRCRAFT Industries GmbH A-2700 Wiener Neustadt, N. A. Otto-Str. 5	
				Nächster Zusammenbau: N/A		Zeichnungs Nr.: DA4-2560-00-00-SB
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