

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.

The technical information contained in this document has been approved under the authority of EASA Design Organization Approval No. EASA.21J.052.

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.

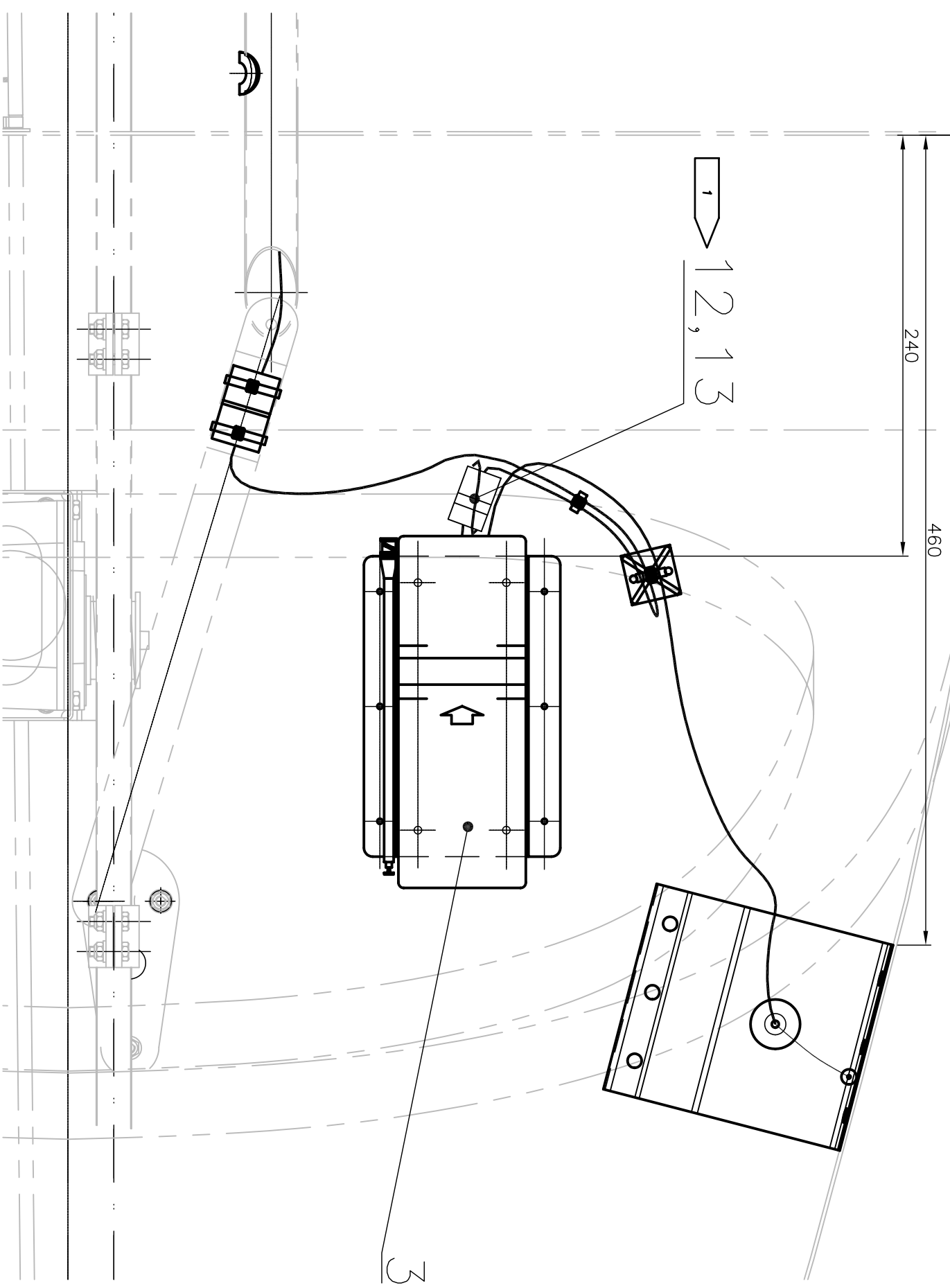


Diamond Aircraft Industries G.m.b.H.
N.A. Otto-Straße 5
A-2700 Wiener Neustadt

DAI RSB 40-045
DAI RSB D4-033
Page 4 of 4
14-Oct-2005

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:

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

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

Pos.	Stk. L	Stk. R	Teil. Nr.:	Benennung	Orientierung/Abmessungen	Lieferant/Bemerkung
3	-	1	E-01	ELT System		ACK

DIESE UNTERLAGE IST UNSER GEGENSTÄNDLICHES EIGENTUM UND DARF OHNE UNSERE AUSDRÜCKLICHE GENEHMIGUNG WEDER VERVIELFÄLTIGT NOCH DRITTEN PERSONEN ÜBERLASSEN WERDEN! ÜBERÄNDERUNGEN UNTERLIEGEN DER VERFOLGUNG NACH DEM URHEBERRECHT.		Feinraß- toleranzen : D I N 7168 m I S O 2768 m OeN M 1365 m		Name KOWARSCCH	Datum 22.07.	Bearb. Gepr.	Nächster Zusammenbau: N/A	Zeichnungs Nr.: DA4-2560-00-00-SB	Blatt 1
DAMEOND AIRCRAFT INDUSTRIES GmbH		04		Name KOWARSCCH	Datum 22.07.	Bearb. Gepr.	Nächster Zusammenbau: N/A	Zeichnungs Nr.: DA4-2560-00-00-SB	Blatt 1

Zust.	RSB D4-032, RSB 40-031	Datum 15.10.04	Name TG	Techniks. \... \2560 \DA4-2560-00-00-SB.dwg	Ers. fuer :
-------	------------------------	-------------------	------------	---	-------------

Diamond
 A/RCAFT
 Industries
 GmbH
 A-2700 Wiener Neustadt, N. A. Otto-Str. 5

Massstab : NTS
 Benennung : ELT Einbau;
 ELT Installation