

SUPPLEMENT 003
TO THE AIRPLANE FLIGHT MANUAL DA 42 NG
Retrofit Installation of Austro Engine E4-B

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 Design Change Advisories	: OÄM 42-171/d and OÄM 42-176/b

This Supplement to the Airplane Flight Manual has been approved under the authority of DOA No. EASA.21J.052.

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0.1 RECORD OF REVISIONS

Rev. No.	Reason	Chapter	Page(s)	Date of Revision	Approval Note	Date of Approval	Date Inserted	Signature
1	Correction	all	all	16-Sep-2010	Rev. 1 to AFM Supplement O03 to AFM Doc. No. 7.01.15-E is approved under the authority of DOA No. EASA.21J.052.	06-Oct-2010		

0.2 LIST OF EFFECTIVE PAGES

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1. GENERAL

This Supplement supplies the information necessary for operation of a DA 42 NG previously manufactured as a DA 42 and later on installation of Austro Engine E4-B engines.

The information contained in this Supplement is to be used in conjunction with the complete AFM.

This Supplement is a permanent part of this AFM and must remain in this AFM at all times when OÄM 42-171 and / or OÄM 42-176 are implemented.

2. LIMITATIONS

No change.

3. EMERGENCY PROCEDURES

No change.

4A. NORMAL OPERATING PROCEDURES

No change.

4B. ABNORMAL OPERATING PROCEDURES

No change.

5. PERFORMANCE

No change.

6. MASS AND BALANCE

6.5 EQUIPMENT LIST AND EQUIPMENT INVENTORY

Airplane Serial No.:		Registration:		Date:		Mass		Lever Arm	
Description	Type	Part No.	Manufacturer	S/N	inst'd	lbs	kg	in	m
EQUIPMENT									
ELT unit	C406-1	453-5002-	Artex			4.220	2.774	179.700	4.565
INDICATING / REC. SYSTEM									
Primary flight display (PFD)	GDU 1040	011-00972-02	Garmin			6.400	2.910	70.080	1.780
Multi function display (MFD)	GDU 1040	011-00972-02	Garmin			6.400	2.910	70.080	1.780
Multi function display (MFD)	GDU 1040	011-00972-03	Garmin			6.400	2.910	70.080	1.780
Multi function display (MFD)	GDU 1043	011-01079-00	Garmin			6400	2910	70.080	1.780
COMMUNICATION / NAVIGATION									
Backup altimeter	LUN 1128	1128.10B6	Mikrotechna						
Backup artificial horizon	LUN 1241	1241.G8D0R	Mikrotechna						
Integrated avionics #1	GIA 63	011-00781-01	Garmin			5.290	2.400	154.900	3.935
Integrated avionics #2	GIA 63	011-00781-01	Garmin			5.290	2.400	154.900	3.935
Transponder	GTX 33	011-00779-00	Garmin			3.030	1.380	153.100	3.890



Airplane Serial No.:		Registration:		Date:		Mass		Lever Arm	
Description	Type	Part No.	Manufacturer	S/N	inst'd	lbs	kg	in	m
Altitude / Heading reference system GRS 77	GRS 77	011-00868-00	Garmin			2.540	1.150	154.900	3.935
Transponder antenna	KA 60	071-01591-0001	Bendix/King			0.220	0.100	91.930	2.335
GPS #1 antenna	GA 56	010-10040-01	Garmin			0.400	0.180	104.100	2.645
GPS #2 antenna	GA 56	010-10040-01	Garmin			0.400	0.180	104.100	2.645
DME antenna	KA 60	071-01591-0001	Bendix/King			0.220	0.100	91.930	2.335

7. SYSTEM DESCRIPTION

No change.

8. AIRPLANE HANDLING, CARE AND MAINTENANCE

No change.