

SERVICE BULLETIN

No. 400-02-01

Compliance recommended

Subject: Installation of Panel Vent Fans

Affected Aircraft: EA-400 SN 03 through 20

Purpose: To announce the availability of improvements to the cabin ventilation. Installation of panel vent fans (type Micronel) to both inlets of existing vent grids located LH and RH of the instrument panel (air circulation only). Each vent fan can be switched individually ON and OFF by a rocker switch placed LH of its grid. Vent grid adjustment permits complete control of the air flow. Each panel vent fan circuit is protected by a 1A fuse.

A service kit is available for installing the panel vent fans on in service airplanes.

Approval: These information or instructions relate to change no. AM400-01-12 which has been approved by the Authority. The technical information contained in this document has been approved under the authority of JAA Design Organisation Approval no. LBA.NJA.010.

Compliance Time: Recommended: Should be accomplished whenever improvement of pilot compartment ventilation is desired.

Material:

The following are available from Extra Flugzeugbau Parts Distribution.

<u>Kit Number</u>	<u>Description</u>	<u>Qty/Airplane</u>
400-02-01	Cabin ventilation improvement Kit	1

Accomplishment Instructions:

Accomplish installation in accordance with Service Kit 400-02-01, cabin ventilation improvement kit.

Designation	Manufacturer	P/N	Qty	Remark
Vent Fan	Micronel	D603L-024KA-3	2	
Panel sheet LH	Extra	EA-75113.11 / EA-85112.31	1	Depending on equipment installed (specify AC SN)
Panel sheet RH	Extra	EA-75113.21 / EA-85112.21	1	Depending on equipment installed (specify AC SN)
Fan intake duct LH	Extra	EA-75337.10	1	
Fan intake duct RH	Extra	EA-75337.20	1	
Vent grid	Happich	PN 590H677	2	Spare only
Rocker Switch	Arcoelectric	H8550 VBBB 551 (w)	2	
Standard Fuse (flat type) SAE J1284 / DIN 72581/3C	Pudenz	1A	2	
Electrical wire		MIL-W-22759/16 AWG 22		Qty as required
Fan mounting box	Extra	EA-75113.90 A	2	
Wire terminals	AMP			Qty as required
Cable ties				Qty as required
Fuseholder	MTA Autoelektrik	FE 4302	1	For 4 fuses max
Placard "VENT"	Extra		2	Next to panel vent fan switches
Fan Instrument Panel (Drawing)	Extra	EA-95752.15	1	Electrical wiring
Airplane Flight Manual & Pilot's Operating Handbook	Extra	EA-05701; Edition 2 Rev. 8	1	
Maintenance Manual	Extra	EA-05702; Rev. 9	1	