

ANEXO XI

SERVICE LETTER 265

265**CORROSION PREVENTATIVES**

SUBJECT: Introduction of New Antenna Gaskets

EFFECTIVITY: All

1. Background

During the Operator's Conference in 1999 several operators were interested in the Av-DEC "HiTAK" antenna gaskets. Contact was made with a European operator and consequently a trial was held for almost a year on two Fokker 50 aircraft.

The VHF Comm Antenna, Marker Beacon Antenna, ADF 2 Antenna and the Radio Altimeter Antenna were selected for this trial.

The trial test results in combination with the product information submitted by Av-DEC learned that the Av-DEC antenna gaskets are an improvement compared to the gasket configuration installed so far, although no fillet sealant was used during the trial. Finally, in order to prevent corrosion of the antenna connections a so called "self leveling green" sealant was introduced. The checked corrosion performance on both the antenna base plate as well as the aircraft structure was considered to be very good. Also the installation and removal times were reduced significantly.

It was therefore decided to certify the use of the Av-DEC antenna gaskets for the whole Fokker aircraft fleet.

2. Introduction

At the next page of this Service Letter you will find a list of the most used antenna's which have been installed on the Fokker 70/100 aircraft together with the appropriate part number of the Av-DEC antenna gasket.

The Av-Dec gaskets can be ordered through our Material Support Department.

On request Fokker Services can revise your Maintenance Manual regarding the removal/installation procedures of the Av-DEC gaskets on the basis of a C.O.C.

As the list of the antenna's will most probably increase, we are planning to update the list on a regular basis.

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Fokker 70/100 Antenna's

<u>ATA</u>	<u>Description</u>	<u>Part number</u>		<u>Av-DEC Gasket pn</u>
23-12	VHF COMM	S65-8280-24	Sensor System INC.	AG843000-03
23-12	VHF COMM	S65-111-309	Sensor System INC.	AG843000-25
23-15	Sat Com	513738-518	Ball Corperation	AG728000-05
25-63	ELT	S65-8280-7	Sensor System INC.	AG843000-03
25-63	ELT	ELT10-209	Dayton Granger	AG358000-03
25-63	ELT	110-328-01	Artex Aircraft Supplies	AG358000-03
25-63	ELT	2614-82	Rayan	AG358000-03
34-31	Marker Beacon	S35-1000-1	Sensor System INC.	AG627000-03
34-32	ILS - Loc	S65-147-7	Sensor System INC.	AG457000-01
34-32	ILS - Loc	S41422-5	Sensor System INC.	AG457000-02
34-42	Rad.Alt.	S67-2002-19	Sensor System INC.	AG723000-02
34-42	Rad.Alt.	S67-2002-18	Sensor System INC.	AG723000-02
34-42	Rad.Alt.	S67-2002-12	Sensor System INC.	AG723000-01
34-42	Rad.Alt.	9599-607-12338	Sextant Avionique	AG723000-01
34-46	TCAS	7514060-901	Honeywell	AG822000-03
34-46	TCAS	7514081-904	Honeywell	AG822000-03
34-46	TCAS	071-50001-8102	Allied Signal	AG822000-01
34-46	TCAS	622-8973-001	Rockwell Collins	AG822000-08
34-51	VOR	DMN4-45-2A	Ail Systems Inc.	AG867000-01
34-51	VOR	DMN4-45-3	Ail Systems Inc.	AG867000-01
34-51	VOR	DMN4-15-3D	Ail Systems Inc.	AG867000-01
34-51	VOR	DMN4-15	Ail Systems Inc.	AG867000-01
34-51	VOR	DMN4-15B	Ail Systems Inc.	AG867000-01
34-51	VOR	DMN4-15-5	Ail Systems Inc.	AG867000-01
34-52	DME	DMNI50-2-0	Ail Systems Inc.	AG282000-03
34-52	DME	DMNI50-2-1	Ail Systems Inc.	AG282000-03
34-52	DME	DMNI50-2-2	Ail Systems Inc.	AG282000-03
34-52	DME	DMNI50-2-3	Ail Systems Inc.	AG282000-03
34-52	DME	DMNI50-2-4	Ail Systems Inc.	AG282000-03
34-52	DME	DMNI50-2-5	Ail Systems Inc.	AG282000-03
34-53	ADF	S72-1712-9	Sensor System INC.	AG233000-03
34-54	ATC	S65-5366-7L	Sensor System INC.	AG282000-03
34-59	GPS	S67-1575-52	Sensor System INC.	AG477000-01
	"Self Leveling Green" sealant	HT3326-5	Av-DEC	