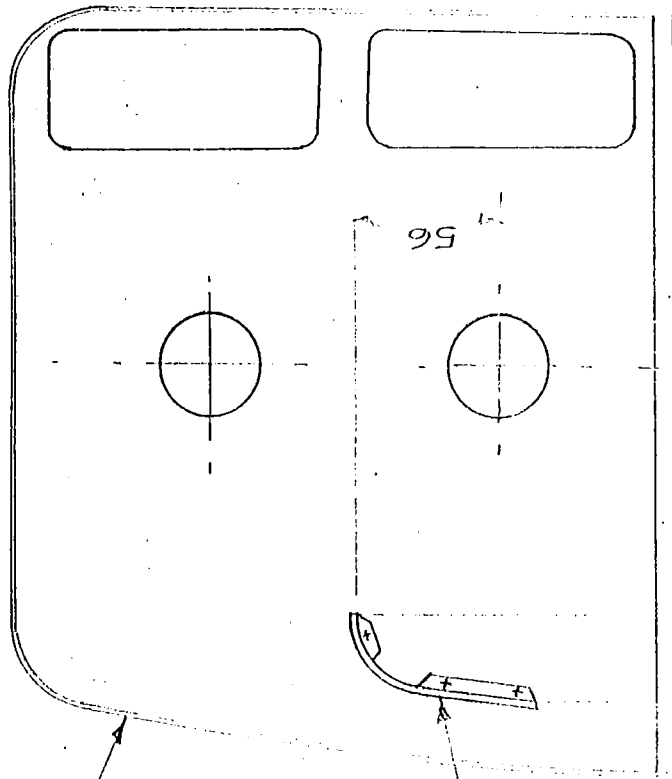


SERVICE BULLETINNO. 3aDATE JUNE 87CFM METAL-FAX LTD CONSIDERSCOMPLIANCE - ~~Mandatory~~/Recommended/~~Optional~~  
(delete which is not applicable)

<u>SUBJECT</u>	AIR GUIDE - COOLING SHROUD	
<u>MODELS AFFECTED</u>	ALL SHADOW AIRCRAFT FITTED WITH ROTAX 447 ENGINE	
<u>SERIES NOS. AFFECTED</u>	B and B-D	
<u>COMPLIANCE TIME</u>	FIT AS SOON AS POSSIBLE	
<u>PURPOSE</u>	TO REDUCE THE TEMPERATURE DIFFERENTIAL BETWEEN THE FRONT AND REAR CYLINDERS.	
<u>INSTRUCTIONS</u>	STUDY DRAWING PROVIDED.  ATTACH AIR GUIDE TO INSIDE OF UPPER COWLING WITH 1/8" DIA. POP RIVETS.	
<u>MATERIAL REQUIRED</u>	ENCLOSED:	(1) AIR GUIDE (3) 1/8" POP RIVETS
<u>AVAILABILITY OF PARTS</u>	EX. STOCK	
<u>EFFECTIVITY DATE</u>	23rd JUNE 1987	
<u>SUMMARY</u>	CFM METAL-FAX REPORTED TO ROTAX THAT THE FRONT CYLINDER HEAD TEMPERATURE EXCEEDED THEIR STATED LIMITS. ROTAX SIMULATED TRIALS WITH '447' AS FITTED TO THE SHADOW AIRCRAFT. THEY REPORTED THAT THERE IS NO INSTALLATION PROBLEM IN RESPECT OF THE REAR FUSELAGE WALL SHIELDING.	
<u>NOTES</u>	ROTAX ADVISE THE FITMENT OF THIS AIR GUIDE TO REDUCE THE TEMPERATURE DIFFERENTIAL BETWEEN THE CYLINDER TO WITHIN LIMITS.  PREVIOUSLY THE FRONT CYLINDER (MAG. END) WAS READING HIGHER THAN THE REAR CYLINDER (P.T.O. END).	

TOP ENGINE  
COWLING ROTAX  
447



AIR DEFLECTOR  
(E118) AFFIX WITH  
(3) 1/8" DIA FOR RIVETS

78  
124

REVISION	
No.	DATE
A	6/87
DESCRIPTION	
PROD ISSUE	

AIR DEFLECTOR ASSY  
ROTAX 447 ENGINE COWLING

DRAWN	TRACED	CHECKED	APPROVED	DATE	SCALE
SJE				16-6-87	N.T.S

DRAWING No. E119