

AVIONS PIERRE ROBIN

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LETTRE DE SERVICE
SERVICE LETTER

N° 29

Objet Object : INTERNAL CONDITION OF ENGINE COWLINGS

Aircraft concerned : All type Avions ROBIN

All type A/c Centre Est Aéronautique

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On an aircraft fitted with internally painted plastic engine cowlings, engine malfunctions have been detected when using carburetor air-inlet heating, due the ingress of foreign matter.

Consequently, if the following inspection has not yet been performed, from the date of receipt of this L.S., the following procedure must be applied after thorough cleaning of the engine cowlings :

1. Whenever engine cowlings are removed, thoroughly inspect the cowlings for wear, deterioration, burns and flaking of inner paint coatings (observing the rules and procedures defined by the maintenance programs).
2. If not abnormal condition is found, reinstall the engine cowlings and return the aircraft to service.
3. If an abnormal condition is found, apply the following procedures :
 - A) Deterioration of engine cowlings :
repair in accordance with manufacturer's standards and current practice.
 - B) Impairment of engine cowling paint coatings :
remove all paint from the inside of the engine cowlings as follows :
 - clean with a detergent.
 - thoroughly rinse.
 - Sand with fine grit the whole inner surface without damaging the glass cloth.

NOTE : The paint stripping procedure does not apply to recent avions Pierre ROBIN aircraft with engine cowlings having a "clean coat" white paint finish as the coat of paint is too thin to flake off.