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EO 15-10BAA-5

LIST OF RCAP REVISIONS
ROYAL CANADIAN AIR FORCE

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LIST OF SPECIAL INSPECTIONS

NOTE

All new issues, re-issues, re-issues, re-issues, etc., affecting this list of special inspections will appear in the monthly supplements to the Bulletin.

STROMBERG
FLOAT TYPE CARBURETTORS
NA-R SERIES

ISSUED ON AUTHORITY OF THE CHIEF OF THE AIR STAFF

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27 MAY 54

LIST OF RCAF REVISIONS

ROYAL CANADIAN AIR FORCE

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LIST OF SPECIAL INSPECTIONS

NOTE

All new issues, re-issues, rescissions, etc., affecting this list of Special Inspections will appear in the monthly Supplements to the Engineering Order Index EO 00-1-1.

Holders of this Engineering Order are to amend it to reflect changes as they appear in the Supplements in order that an up-to-date list is available for checking purposes.

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27 MAY 54

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LATEST DATE	EO NUMBER	TITLE
24 Nov 53	15-10BAA-5/1	Mixture Control Needle Seat

24 Nov 53

SPECIAL INSPECTION

CARBURETTORS NA-R9B MIXTURE CONTROL NEEDLE SEAT

(This EO replaces AMC Signal T4939 dated 12 Nov 53)

EQUIPMENT AFFECTED:	All Stromberg NA-R9B Carburettors
BY WHOM WORK WILL BE PERFORMED:	Overhaul Contractors TCA Winnipeg CPA(R) Calgary
WHEN WORK WILL BE PERFORMED:	When Mobile Parties and/or replacement carburettors are available and at overhaul.
RCAF FORM ENTRIES:	NA
INSPECTION OF SPARES IN STOCK:	All spares in stock are to be inspected before issue.
RETURNS:	Returns are required on the condition of all carburettors inspected.

PURPOSE

1 To ensure proper fitment of the mixture control needle seat .

INSPECTION DATA

2 NA-R9B carburettor failures have occurred where the mixture control needle seat has backed off causing engine failure and, therefore, this Special Inspection is to be performed on all NA-R9B carburettors as soon as possible. AMCHQ will arrange the schedule for performing this inspection at user units and notify all concerned in a separate instruction .

- (a) Carry out inspection as follows:
- (1) Separate the throttle body from the main body .
 - (2) Remove the mixture control valve, washer, spring and spring seat .
 - (3) Check torque of the mixture control needle seat to 130-150 inch-pounds, if less remove the seat, install a new gasket, replace the seat. Screw the seat in until tight, back out one or two turns then retighten to 130-150 inch-pounds .
 - (4) Re-install the spring seat, spring, washer and mixture control valve guide .
 - (5) Install a new packing on the idle tube and a new main gasket on the main body. When replacing the top body on the main body care is to be taken so that the idle tube packing is properly in place and does not slip down over the shoulder of the idle tube .
 - (6) Replace all washers and screws and lockwire .

RESCINDED

AUTH: *Solix 5 April 65*

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INSPECTION DATA (Cont'd)

(7) Check the economizer setting for the correct angle as a difference in the thickness of the gasket will change the setting. Refer to EO 15-10BAA-3.

PARTS REQUIRED

3 The following parts and tools are required to carry out this Special Inspection.

- (a) 390627 Packing-idle tube .
- (b) P-19275 Gasket - main body .
- (c) 383805 Gasket - mixture control needle seat .
- (d) T-20199 - Socket .048 x .547 inch .
- (e) T-19272 - Socket .062 x 11/16 inch .

ADDITIONAL DATA

4 A green dot one half inch in diameter will be painted on the main body below the mixture control shaft. Outer packing cases are to be marked "Inspected in accordance with EO 15-10BAA-5/1" .

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Prepared By:
AMC/SACO/ACR