

**LIST OF OVERHAUL MODIFICATIONS
ENGINE DRIVEN D-C GENERATOR
TYPES 30E16-1-A & 30E16-11-C
(ECLIPSE - PIONEER)**

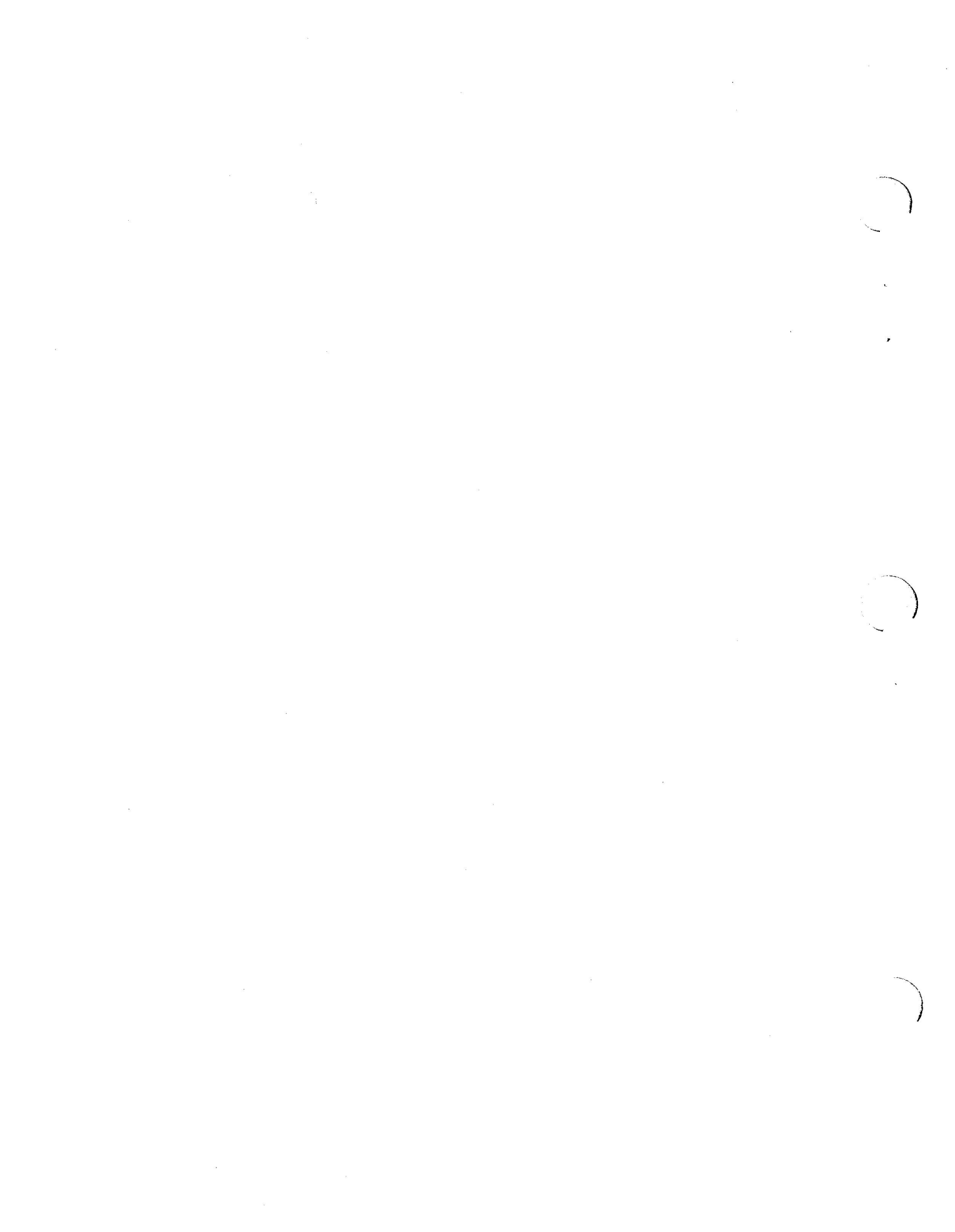
(This EO replaces EO 40-10BL-6B dated 25 Jul 55)

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EO NO	DATE OR MOD DATA	DESCRIPTION	OVERHAUL CLASS	LEAFLET ISSUED
*40-10BL-6B/1	9 May 55	Installation of Lining Part 818494-1		Yes

* Asterisks appearing opposite entries denote changes since last issue.

ISSUED ON AUTHORITY OF THE CHIEF OF THE AIR STAFF



MODIFICATION
INSTALLATION OF
LINING PART 818494-1

EQUIPMENT AFFECTED:	Eclipse Generator Part 30E16-1-A with serial number below R-2800
BY WHOM WORK WILL BE PERFORMED:	Overhaul Contractors
WHEN WORK WILL BE PERFORMED:	At Overhaul
RCAF FORM ENTRIES:	NA
MODIFICATION OF SPARES IN STOCK:	NA

PURPOSE

1 The contractor has recommended replacement of the generator lining with an improved type to improve the operation of the vibration dampener.

MODIFICATION DATA

2 Following is the sequence of operations:-

- (a) Remove the tie wire, the 5 screws Part AN501-10-10 and 5 washers Part 19128 from air spout Part 867488.
- (b) Remove air spout Part 867488.
- (c) Remove the tie wire, the 4 screws Part AN501A-10-10 and 4 washers Part 19128 from bearing cap Part 886699.
- (d) Remove bearing cap Part 886699.
- (e) Remove nut Part AN364-428C, washer Part AN960-416 and spring Part 883154 from spline shaft assembly Part 883151.
- (f) Remove drive shaft assembly Part 883151.
- (g) Remove lining Part 889569 from drive shaft assembly and replace with lining Part 818494-1.
- (h) Reassemble the generator by replacing drive shaft assembly, spring, washer and nut.

NOTE

When installing nut Part AN364-428C retorque to 75 inch-pounds.

MODIFICATION DATA (Cont'd)

- (j) Reassemble bearing cap, 4 washers and 4 screws. Tiewire the 4 screws.
- (k) Reassemble air spout, 5 screws and 5 washers. Tiewire the 5 screws.
- (m) After modification, stamp the letter "M" after the serial number.

PARTS REQUIRED

3 The following part is required and may be obtained from Aviation Electric Ltd.

RCAF REF	PART	DESCRIPTION	QUANTITY
	8 18494-1	Lining	1

PARTS RENDERED SURPLUS OR OBSOLETE

4 The following part is obsolete and is to be scrapped.

RCAF REF	PART	DESCRIPTION	QUANTITY
	8 89569	Lining	1

WEIGHT, LOADING AND BALANCE DATA

5 Negligible effect.

ADDITIONAL INFORMATION

6 This modification is taken from Aviation Electric Company Service Bulletin #R-23.

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