



NOV 27 REC'D

Sp. Lang. Sec.
UNCLASSIFIED

Inter-Departmental Memorandum

Ref 8116/04/J
Date November 20, 1958
To Mr. S. E. Harper
From T. Roberts
Subject ENGINE OIL PRESSURE SWITCH

Herewith R.F.T. 07-5097 specifying testing required during engine run on an Arrow 1. It is suggested that this be done on A/C 25204 because of the impending engine change.

/b

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AVRO AIRCRAFT LIMITED

MALTON, ONTARIO

REQUISITION FOR FLIGHT TEST

R.F.T. NO. 07-5097

SHEET NO. 1 OF

DATE: November 20, 1958

AIRCRAFT

25204

ASSIGNMENT

X73-384

WORK ORDER NO.

CHECK ON ENGINE OIL PRESSURE SWITCHES

1. OBJECTIVE

To determine the 'g' and frequency on the engine oil pressure switch during an engine run.

2. REASON FOR TEST

During engine runs on Nov. 8th on A/C 25201 the R.H. engine oil pressure switch was supplying pulse signals throughout the run. This type of fault has been detected on A/C 25202 and 25203 and may be due to vibration.

3. INSTRUMENTATION

3.1 Oscillograph

1. Acceleration at the engine oil pressure switch.

4. TEST PROCEDURE

During engine run, between idling and military power, record on continuous trace the acceleration at the pressure switch.

5. DATA

Report on test showing amplitude and frequency of vibration.

NOTE:- Since the installation of the transducer requires pulling an engine it is suggested that this be installed on A/C 25204 at the time of the next engine change.

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