



NOV 12 REC'D

9/6 Armstrong

Inter-Departmental Memorandum

Ref 7745/09/J
Date November 10, 1958
To Mr. S. E. Harper
From T. Roberts
Subject EMERGENCY BRAKE CHECK

Herewith R.F.T. 07-5093, specifying Emergency Brake testing required on Arrow 1, dependent on aircraft availability.

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Central Files



AVRO AIRCRAFT LIMITED

MALTON, ONTARIO

REQUISITION FOR FLIGHT TEST

R.F.T. NO. 07-5093

SHEET NO. 1 OF 1

DATE: November 5, 1958

AIRCRAFT ARROW 1

ASSIGNMENT X73-384

WORK ORDER NO.

EMERGENCY BRAKE CHECK

1. OBJECTIVE

To check the leakage rate of the emergency brake circuit as installed on Arrow 1 aircraft.

2. TEST PROCEDURE

- 2.1 Flatten brake accumulator and record precharge pressure.
- 2.2 Charge utility system to 4,000 psi approximately.
- 2.3 Flatten normal system accumulator by operating speed brakes or controllable check valve.
- 2.4 Record brake accumulator pressure.
- 2.5 Before brakes are applied again or normal system is charged - record brake accumulator pressure and time interval since reading 2.4 above.
- 2.6 Repeat on all Arrow 1 aircraft as often as possible until sufficient results are obtained to determine the trend.

NOTE Do not apply parking brake.

3. DATA

Brake accumulator pressures and time intervals.

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