



Inter-Departmental Memorandum

*W/C Armstrong*

Ref 3839/09/J  
Date September 16, 1958  
To Mr. S.E. Harper  
From T. Roberts  
Subject NOSE WHEEL RETRACTION

Herewith R.F.T. 07-5088, covering test required on A/C 25203  
during its normal operation.

/b

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Central Files

AVRO AIRCRAFT LIMITED

MALTON, ONTARIO

REQUISITION FOR FLIGHT TEST

R.F.T. NO. 07-5088

SHEET NO. 1 OF 1

DATE: September 11, 1958

AIRCRAFT 25203

ASSIGNMENT X73-384

WORK ORDER NO.

NOSE WHEEL RETRACTION

1. OBJECTIVE

At the present time Arrow 1 aircraft have a restrictor in the undercarriage hydraulic system to ensure centring of the nose wheel prior to retraction. It is required to obtain statistical data on the nose wheel position during take-off to determine if the restrictor is necessary.

2. INSTRUMENTATION

2.1 Oscillograph

(1) Nose wheel angle.

3. TEST PROCEDURE

Record on continuous trace the nose wheel angle during takeoff, from nose wheel unstick to gear up. This should be done on all flights until notified otherwise by Technical Design.

4. DATA

As listed in section 2.

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