

INTER-DEPARTMENTAL MEMORANDUM

Ref 6864/01/J
 Date March 3, 1958
 To S. E. Harper
 From J. D. Hodge
 Subject FLIGHT RANGE CHECKS FOR TELECOMMUNICATIONS

R.F.T. No. 5029, covering Radio Range Checks to be carried out during the Phase 1 Engineering Test Program of aircraft 25202 is attached. The co-operation of the nearest RCAF G.C.I. facility may be required for some of these checks.

WE/bb

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AVRO AIRCRAFT LIMITED

MALTON, ONTARIO.

REQUISITION FOR FLIGHT TEST

R.F.T. No. 5029

Sheet No. 1 of 1

Date. March 3, 1958

AIRCRAFT
25202

ASSIGNMENT NO.
X73-096

WORK ORDER NO.

FLIGHT RANGE CHECKS FOR TELECOMMUNICATIONS

1. OBJECT

Flight Checks are required to determine the ranges of:-

- 1.1 the AN/ARN-6 Radio Compass.
- 1.2 the AN/ARA-25 U.H.F. Homer
- 1.3 the AN/ARC-34 U.H.F. Communications set, working with both the fin and belly antennas.
- 1.4 the AN/APX-6A I.F.F. set working with both the fin and belly antennas.

2. EQUIPMENT

- 2.1 A recorder camera (or an auto-observer) will be required, as for R.F.T. 5028, to record the AN/ARN-6 and AN/ARA-25 displays.

3. PROCEDURE

- 3.1 It is proposed that range checks be carried out with the cooperation of the nearest RCAF G.C.I. facility, which can be used to check the range of the I.F.F. and U.H.F. sets. Strength and readability should be recorded for various ranges.

4. DATA

Ranges for the telecommunications systems listed in section 1.

R.F.T. Prepared By: *J.K. Hughes*

Approved By: *W.C.E.*

Authorized By: *[Signature]*

Date for Completion

Priority

Estimated Completion
Date: