AVRO AIRCRAFT

Inter-Departmental Memorandum

Ref   2455/09/J
Date   July 22, 1958
To   Mr. S. E. Harper
From   T. Roberts
Subject ARROW 1 – DECELERATION PARACHUTE

Herewith R.F.T. 07-5081, giving the photographic coverage

required for the Deceleration Parachute during the next

series of flights on A/C 25202.

T. Roberts
Technical Design Coordinator
FLIGHT TEST

/b

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                      for transmittal to
                      S/L K. Owen, C.E.P.E.
                      Detachment.

        Central Files

AVRO AIRCRAFT LIMITED

MALTON, ONTARIO

REQUISITION FOR FLIGHT TEST

R.F.T. NO. 07-5081

SHEET NO. 1 OF 1

DATE: July 22, 1958

AIRCRAFT 25202	ASSIGNMENT NO. X73-4093	WORK ORDER NO.

DECELERATION PARACHUTE

1. **OBJECT OF TEST**

   1.1 To record the deceleration parachute position relative to aircraft centreline from directly aft of the aircraft during landing.

   1.2 To observe and record at close quarters configuration of deceleration parachute when inflated.

2. **INSTRUMENTATION**

   2.1 No aircraft instrumentation necessary.

   2.2 Camera coverage during landing and after the aircraft has come to rest both movie and still.

3. **TEST PROCEDURE**

   3.1 During landing run movie records taken directly from behind the aircraft to be obtained. This should be repeated for a minimum of 4 or 5 landings.

   3.2 Upon completion of taxi and before jettisoning parachute, pilot to bring the aircraft to a complete stop keeping the parachute inflated in the jet streams. The aircraft to remain stationary with engines running whilst observations, movie and still photographic records are made of parachute configuration. F. Downey, (Local 2711) of Equipment Design to be notified when test is being made.

4. **DATA REQUIRED**

   4.1 Photographic records of landing as specified in 3.1 and 3.2.

   4.2 Wind conditions - strength, direction and crosswind component.

   4.3 Pilot's comments on behaviour of parachute.

R.F.T. PREPARED BY:	APPROVED BY:	AUTHORIZED BY:
DATE FOR COMPLETION	PRIORITY	ESTIMATED COMPLETION DATE: