

UNCLASSIFIED

AVRO AIRCRAFT LIMITED

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To Distribution
From T. Roberts
Subject REVISED SHEETS ON REPORT FAR/C105/2, Issue 3.

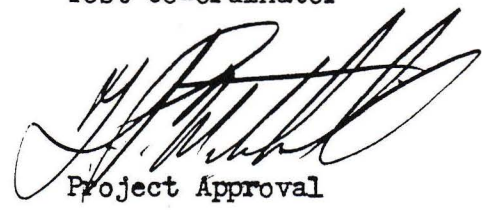
Herewith revised sheets 8 and 9 of FAR/C105/2,
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T. Roberts
Technical Flight
Test Co-ordinator

TR:bb

Classification cancelled/changed to.....
by authority of.....(date).....
Signature.....Rank.....



Project Approval

- C.C.
Messrs J. C. Floyd
D. N. Scard
R. N. Lindley
C. V. Lindow
J. A. Chamberlin
D. Rogers
I. Craig
G. Oscar
R.C.A.F. (6)



5.2 First Series of Flights

The object of these flights is to obtain a pilot's assessment of the aircraft and to provide pilots familiarization of the low speed handling qualities.

A minimum of instrumentation will be carried consisting essentially of safety of flight items to be telemetred. These will be monitored and recorded on the ground. (Appendix 2).

The aircraft will be limited in accordance with the Design Certificate and approximately as follows:-

1. 450 kts. EAS
2. $M = 1.50$
3. $h = 50,000$ ft.
4. $\pm 60^\circ$ roll angle.
5. 1 rad/sec rate of roll.
6. Normal load factor $n = 2.5$.
7. Weight and C.G. limitations as per Model Specifications.

Normal and emergency yaw damping will be provided and the pilot may use these at his discretions. Take-off and landing will be with normal yaw mode.

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5.3 Part 1 Testing

The object of this series of flights is to provide a short engineering assessment of the various damper modes and to provide monitoring on aircraft system. The completion of this phase will enable an observer to fly in the aircraft and the detailed testing of Part 2 to take place.

It is anticipated that approximately five flights will be needed to accomplish this part of the program. It should be noted that the number of tests does not necessarily indicate the required number of flights.

The aircraft will be limited as follows;-

1. 450 kts. EAS.
2. $M = 1.50$
3. $h = 50,000$ ft.
4. $\pm 60^\circ$ roll angle.
5. 1 rad/sec rate of roll.
6. Normal load factor $n = 2.5$.
7. Weight and C.G. limitation as per Model Specification.

A minimum of instrumentation is required for this phase and is given in Appendix 3.

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