

IDENTIFIED AND  
COMPILED LISTING  
OF AVRO (CANADA)  
REPORTS (1 DEC 1984)

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REPORTS
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REPORTS

## SECT. I

AVRO circular planform VTOL proposals to Canadian Research Board, 1952.

AVRO Design Study 1952. (Project Y)

*AN Appraisal of Two Vertical Take-off Interceptors  
prepared by AVRO (U.K) July 1953 (Project Y & AVRO 724)  
"Proposal For a Gas Turbine Propelled aircraft  
Of Circular Planform" by J.C.M. Frost and T.D. Earl  
April 1952 (Project Y)*

- 1 A theory of combustion chamber performance. D L Mordell, August 1950.  
Canadian National Research Council paper prepared for the second meeting of the  
Commonwealth Advisory Aeronautical Research Council, Ottawa, September 11-29, 1950,  
Canada, McGill University. Gas Dynamics Laboratory Report R14.
- 2 Optimum supersonic airfoil design (linearised theory). A P Simon and Dubbury.  
February 1952. Fairey Aviation Co Ltd Technical Report No 4.
- 3 8 reports directly concerned with the stability and control of the Avro Canada  
VTO aircraft. J Dubbury, April 1953.  
Canada, Avro Canada S&C 1,2,3,4,5,6,8 and Summary Report.
- 4 Project Y aerodynamic design and performance prediction of the engine.  
D L Mordell, April 1953. Canada, Avro Canada Eng 1.
- 5 Two reports on the Avro VTO aircraft: general position and answer assessments  
of RAE & NGTE. T D Earl. Canada, Avro Canada. May 1953
- 6 Project Y - preliminary low speed tunnel tests. J Dubbury, November 1953.  
Avro Canada.
- 7 Air cushion effect tests - Part I Project 1794. R M McKee, October 1955  
Avro Aircraft Ltd, USAF Contract AF 33(600)30161.
- 8 An investigation into the stability and control of the ducted fan-ramjet aircraft.  
Final Technical Report. June 1956. Avro Aircraft Ltd. USAF Contract AF 33(600)30161.
- 9 Final development summary report April-May 1956. Project 1794, June 1956.  
Avro Aircraft Ltd. USAF Contract AF 33(600)30161.
- 10 Performance estimation of an aircraft of circular planform and powered by a radial  
flow ducted fan ram jet propulsion system. D C Whittle, July 1956  
Avro Aircraft Ltd, USAF Contract AF 33(600)30161.

DRB 52/12304

SECRET J

①

Roe, A.V., Ltd. (Can).

PROJECT Y: ASSESSMENT OF MECHANICAL ARRANGEMENT, - Winnett Boyd Associates. 12 p

Further to the supersonic all wing aircraft, the engine mechanics are discussed.

1. Y (Project). 2. Aircraft, All-wing. 1. Winnett Boyd Associates.

DRG

DRB 54/1587

SECRET (J)

Roe, A.V., Canada Limited.

②

PROJECT 'Y': NOTE ON LANDING AND TAKE-OFF TECHNIQUES. November 1952. 2 p. 4 figs.

1. 'Y' (Project) 2. Aircraft, VTOL

GEB

DRB 52/12305

SECRET (J)

③

Roe, A.V. Ltd. (Can).

PROJECT Y: PRELIMINARY REPORT ON AERODYNAMIC DESIGN AND PERFORMANCE (TURBINE), by D.L. Mordell. 29 September, 1952. 16 p.

The blading and flow aspects of a turbine and compressor arrangement suitable for the all-wing aircraft are described.

1. Y (Project). 2. Aircraft, All-wing. 1. D.L. Mordell.

DRG

DRB 54/1586

SECRET (R)

④

Roe, A.V., Canada Limited.

PROJECT 'Y' ENGINE COST ESTIMATE. 1 May, 1953. 25 p.

1. 'Y' (Project) 2. Aircraft, VTOL

GEB

DRB 54/2546

SECRET (J)

Roe, A.V., Canada Ltd.

STATEMENT OF A YEAR'S INVESTIGATION OF THE A.V. ROE CANADA V.T.O. PROJECT AND OUTLOOK ON ITS DEVELOPMENT. 2 February, 1954. 28 p.

1. 'Y' (Project) 2. Aircraft, VTOL

GEB

Roe, A.V., Canada Ltd.

MINUTES OF MEETING HELD 14 JULY, 1953, TO DISCUSS AVRO CANADA PROJECT "Y". 3 p.

1. "Y" (Project) 2. ~~Aircraft, VTOL~~ <sup>Aircraft, VTOL</sup> ~~Acceptance, V.T.O.~~ <sup>Acceptance, V.T.O.</sup>

GEB

DSIS 56/12069

SECRET J

Avro Canada Ltd.

PROJECT Y2 - PROPOSAL: DESIGN AND DEVELOPMENT PROGRAM - JUNE 1954 - JUNE 1956. 51p. 5 tabs. 22 figs. 1 chart.

This proposal outlines a program of further design, test and development considered necessary to continue with the project and to produce a successful aircraft, together with the estimated costs of such a program.

1. Y2 (Project). 2. <sup>VTOL</sup> ~~Aircraft, Vertical take-off.~~

ST

DRB 54/1588

RESTRICTED (J)

Roe, A.V., Canada Limited.

MONTHLY PROGRESS REPORT FOR SEPTEMBER 1953. 12 p. 13 figs.

1. "Y" (Project) 2. <sup>Aircraft, VTOL</sup> ~~Acceptance, V.T.O.~~

GEB

DRB 54/1589

RESTRICTED (K)

Roe, A.V., Canada Limited. (Gas Turbine Engineering Department.)

QUARTERLY TECHNICAL REPORT FOR SECOND QUARTER OF THE GOVERNMENT FISCAL YEAR 1953-54. 6 p. 1 fig.

1. "Y" (Project) 2. <sup>Aircraft, VTOL</sup> ~~Acceptance, V.T.O.~~

GEB

DRB 54/1582

SECRET (J)

Roe, A.V., : Canada Limited.

VERTICAL TAKE-OFF AIRCRAFT MEMORANDUM ON STABILITY AND CONTROL SITUATION AT 1 MARCH, 1953. 6 p.

1. "Y" (Project) 2. <sup>Aircraft, VTOL</sup> ~~Acceptance, V.T.O.~~

GEB



DRB 54/1583

SECRET (3)

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Roe, A.V. Canada Limited.

V.T.O. PROJECT: REVISED GENERAL PLAN FOR PRELIMINARY  
WIND TUNNEL TESTING AT N.A.E., OTTAWA, October 1953.  
4 p. 2 figs.

1. "Y" (Project) <sup>Aircraft, VTOL</sup> ~~Aircraft, VTOL~~ 1. Earl, T.D.

CEB

DRB 54/1585

SECRET (J)

(12)

Roe, A.V., Canada Ltd. (Can.).

PROJECT 'Y' PRELIMINARY LOW SPEED TUNNEL TESTS, by J.  
Dubbury. 19 Sept., 1953. 8p. 13 figs.

1. Aircraft, <sup>VTOL</sup> ~~Vertical Take-off~~ 2. 'Y' (Project) 1. Dubbury,

GEB

DRB 54/1590

SECRET (3)(K)

(13)

McGill University. Gas Dynamics Laboratory.

PROJECT Y: REPORT ON ACCELERATION AND STARTING PERFORMANCE  
by D.L. Mordell. 1 November, 1952. 4 p. 5 figs.

1. "Y" (Project) <sup>Aircraft, VTOL</sup> ~~Aircraft, VTOL~~ 2. ~~Aircraft, VTOL~~ 1. Mordell, D.L.

GEB

DRB 54/1592

SECRET (J)

(14)

Roe, A.V., Canada Limited. Report S. & C. 3.

V.T.O. AIRCRAFT: THE IMPULSIVE EXCITATION OF NUTATIONAL  
OSCILLATIONS, by J. Dubbury. March 1953. 7 p. 4 figs.

1. "Y" (Project) <sup>Aircraft, VTOL</sup> ~~Aircraft, VTOL~~ 2. ~~Aircraft, VTOL~~ 1. Dubbury, J.

CEB

Roe, A.V., Canada Limited.

(15)

PROJECT 'Y': NOTE ON STABILITY AND CONTROL CHARACTERISTICS, by R.J. Templin. (Copy of N.A.E. report AE30s - 30 December, 1952), and review by A.V. Roe. 24 March, 1953. 18 p. 5 figs.

1. "Y" (Project) 2. ~~Aircraft, VTOL~~ <sup>Aircraft, VTOL</sup> 1. Templin, R.J.

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(16)

Canadian Armament Research and Development Establishment.  
Technical Memorandum 85/53.

AN ANALYSIS OF THE STABILITY AND CONTROL OF THE AIRCRAFT  
PROPOSED FOR THE A.V. ROE VERTICAL TAKE-OFF PROJECT. 1  
April, 1953. 29 p. 7 figs.

The equations of motion of the A.V. Roe vertical take-off aircraft are set up and simulated on the Reeve's Electronic Analogue Computer. Response of the aircraft when in level horizontal flight to input torques in pitch and roll have been studied. The stability derivatives were estimated assuming the aircraft to be a thin flat plate and neglecting suction and edge-jet effects.

1. ~~Aircraft, VTOL~~ <sup>Aircraft, VTOL</sup> 2. "Y" (Project) 3. Aeroplanes -  
Control 1. Bull, G.V. 11. Moore, W.J.M. 111. Robichaud,  
I.P.A. iv. Mack, S.Z. v. Mitchell, R.S.

(17)

Canadian Armament Research and Development Establishment  
(Can).

NOTE ON THE PRELIMINARY ANALYSIS OF THE STABILITY OF THE  
VEHICLE PROPOSED FOR THE A.V. ROE VERTICAL TAKE-OFF PROJECT, by  
G.V. Bull. 24 Feb., 1953. 20p.

1. ~~Aircraft, Vertical take-off~~ <sup>VTOL</sup> 2. Y (Project). 1. Bull, G.V.

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(18)

Roe, A.V., Canada Ltd.

PROJECT 'Y': A THEORETICAL AND PRELIMINARY NUMERICAL  
STUDY OF STABILITY AND CONTROL. 8 Jan., 1953. 22p. 11  
Appendices, 5 tabs.

1. ~~Aircraft, Vertical take-off~~ <sup>VTOL</sup> 2. Y (Project).

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2

AVRO Report 500 AT 400, "Second Progress Report on the Hovering Flight Tests of the AVROCAR Fitted with the Focussing Ring Control dated May 1960.

AVRO Report 500 AT 401, "Tests of the AVROCAR in the NASA 40 X 80 ft Wind Tunnel, Ames Research Center Data Report" dated \_\_\_\_\_.

AVRO Report 500 AT 401, "Tests of the AVROCAR in the Ames Research Center 40 X 80 ft. Wind Tunnel (NASA) Data Report" dated June 1960.

AVRO Report 500 AT 403, "General Review of the Tests of the AVROCAR in the Ames Research Center 40 X 80 ft. Wind Tunnel" dated June 1960. AD 271498

AVRO Report 500 AT 405 Issue 2, "AVROCAR Continuation Test Program, Specification for Phase 2 Tests of an AVROCAR in the 40 X 80 ft. Wind Tunnel at NASA Ames Research Center" dated December 1960.

AVRO Report 500 AT 407, "Analysis of Tests of the AVROCAR in the NASA 40 X 80 ft. Wind Tunnel, Ames Research Center" dated February 1961. AD 271500

Avro Rept. 500/Aero Test/407, dtd Feb 61, "Analysis of Tests of the Avrocar in the N.A.S.A. 40 x 80 Ft. Wind Tunnel, Ames Research Center" (U) Avro Rept. 500/Aero Test/408, Vol 2, dtd May 61, "Avrocar Continuation Test Program Report on Phase 2 Tests of an Avrocar in the 40 x 80 Foot Wind Tunnel at N.A.S.A., Ames Research Center" (U)

AVRO Report 500 AT 408, "AVROCAR Continuation Test Program, Report on Phase 2 Tests of an AVROCAR in the 40 X 80 Foot Wind Tunnel at NASA Ames Research Center", Volume 2 dated May 1961. AD 271501

AVRO Report 500 AT 410, "AVROCAR Continuation Program Data Report for 1/20th Scale AVROCAR Model" dated January 1961. AD 271502

AVRO Report 500 AT 415 Issue 2, "AVROCAR Continuation Test Program, Instrumentation Specification for Ames Tunnel Tests - 1st AVROCAR Vehicle" dated December 1960.

Avro Rept. 500/Aero Test/418, dtd Jan 61, "1/20 Scale Avrocar Model Comparison Tests at U.T.I.A. and Avro Aircraft Limited" (U)

~~Avro Report 500/AERO TEST/400 dtd May 1960 (U)~~

Avro Rept. 500/Aero Test/432, dtd Jun 61, "Avrocar Rough Ground Flight Test Report" (U)

Avro Report 500/Aero Test/401 dtd June 1960 (C)

Avro Report 500/Aero Test/403 dtd June 1960 (C)

Avro Rept. #500/Proj/15, dtd May 61, "Canadian Government Program for the Avrocar Phase I Design Summary" (U)

Avro Report 500/Aero Test/407 dtd Feb 1961 (U)

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Avro Report 500/Aero Test/408 dtd May 1961, Vol 1, & Vol 2, (U)

AVRO REPORT 500/PERT/423, Mar 1961, Canadian Gov Program for the Avrocar Phase 2 Octal Logistics Aircraft (U)

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Avro Report 500/Aero Test/410 dtd Jan 1961 (U)

AVRO REPORT 500/PERT/425, Mar 61 Director Operating Costs of Octal Aircraft, (U)

Avro Report 500/Aero Test/432 dtd June 1961 (U)



AVRO Report GEN/PERF/3, Short Take-off Performance Using a Jet Flap

AVRO Report 600/PERF/6, Proposal For A Subsonic Leading Edged Swept Back Wing For Weapon System 606A dated April 1960 (I.D. No. 60RDZ-2260) under AF33(600)-39722

AVRO REPORT 600/PERF/8, May 1960,  
Pre Supersonic Drag Estimate at  
Cruise and Outline of Future Program  
for Drag Estimation, (5)

AVRO Report 600/PERF/17, Weapon System 606A Vertical Take-off and Transition Performance, using an Ejector Lift Augmentation System dated July 1960 (I.D. 60WWR-463) under AF33(600)-39722

AVRO Report 600/PERF/18, Weapon System 606A Drag Report

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AVRO Report 600/INT AERO/11, Preliminary Design Of Air Inlet And Associated Ducting Weapon System 606A dated June 1960 (I.D. 60 WWR-445) under AF33(600)-39722

AVRO Report 600/LOADS/10, Design Loads For The Pre-Phase I, Part I analysis of Weapon System 606A dated 13 July 1960 (I.D. No. 60 WWR 459) under AF33(600)-39722

AVRO Report 600/PROJ/2, Preliminary Trade-off Study dated January 1960 (I.D. NO. 60 RDZ-2222) under USAF Contract AF33(600)-39722 (System 606A).

AVRO Report 600/Proj/6 Progress Report No. 5, Pre-Phase I Part I Development Program VTOL Supersonic Aircraft (Weapon System 606A) dated April 1960 (I.D. NO. 60 RDZ-2250) under AF33(600)-39722

AVRO Report 600 Proj 9, "W/S 606A Pre-Phase I Part I Summary Design Report" dated June 30, 1960 (Title Unclassified). AD #327784

AURO Report 600/AERO TEST/4, Specification For Tests To Study The Jet Focussing and Ground Effects <sup>dated</sup> ~~april~~ <sup>1960</sup> (I.D. No. 60 RDZ-2241) Weapon System 606A

AURO Report 600/AERO TEST/5, Results Of Wind Tunnel Tests On Circular and Cropped ~~elta~~ Platforms, Weapon System 606A dated april 1960, D. No. 60 RDZ-2242)

AURO Report 600/AERO TEST/7, Thrust Augmentation Model, Phase 1 and 2 Tests, Weapon System 606A

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Weapon System 606A

AURO Report 600/S&C/13, Estimated Rigid Lateral Stability Derivatives Weapon System 606A dated June 1960

AURO Report 600/S&C/14, Stability and Control Characteristics Weapon System 606A dated June 1960 (I.D. No. 60 WWR-458) under USAF Contract AF33(600)-39722

AVRO REPORT 600/S&C/12, June 1960,  
Estimated Rigid Longitudinal Stability  
Derivatives, (3)

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Avro Report 600/STR 62/2 dtd May 1960(S)

AVRO Report 600/STR/8, Feb 1960,  
Moments of Inertia Complete Aircraft,  
(3)

AVRO REPORT 600/STR/9, June 1960,  
CG Envelopes (3)



## SECTION 4

# AVRO Report SPG/TR 12, Presentation and Discussion of One/Sixth Scale Subsonic Test Results Project 1794

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AVRO/SPG/TR71, dtd Feb. 58, Issue 3, "Airplane Weight, Moment of Inertia and C.G. Status" (U)

AVRO/SPG/TR80, dtd May 57, "A Note on the Span and Chordwise Loading on a Circular Planform Wing at Subsonic Speeds With Special Reference to Project 1794" (U)

AVRO/SPG/TR91, dtd Jun 57, "Estimated Engine Performance Project PV. 704 Phase I" (U)

AVRO/SPG/TR 104, dtd Apr 58, "Upper Rotor Rib Static Test Results and Comparison With Theoretical Analyses - PV. 704" (U)

AVRO/SPG/TR 107, dtd Sep 57, "Off-Design Performance and Matching Procedures for Ljungstrom Type By-Pass Engine" (U)

AVRO Report SPGTR 112, "Stress Report of 1/5 Scale Model" dated \_\_\_\_\_.

AVRO/SPG/TR 117, dtd Dec 57, "Structural Test of Compressor Straightener Vanes" (U)

AVRO Report SPGTR 124, "A Brief Technical Description of the AVROCAR" dated \_\_\_\_\_.

Avro Rept. SPG/TR125, dtd Feb. 59, "Airplane Weight Moment of Inertia and C. of G. Status" Issue 6 (U)

AVRO Report SPGTR 125, "Airplane Weight, Balance and Interia, AVROCAR" dated September 1958. (I.D. No. 58RDZ-16170), (Issue 6 I.D. No. 59RDZ-2880) AD 271499  
2 (Issue 2 Dec 1957)

AVRO/SPG/TR 128, dtd Jan 58, "Balancing of PV. 704 Rotors" (U)



AVRO/SPG/TR 130, dtd Jan 58, "Static Test of PV. 704 Turbine and Compressor Blades and Segments" (U)

AVRO/SPG/TR 137, dtd Feb. 58, "Report on Air Intake Pressure Recovery Tests on 1/12 Scale Model #3/19 at Mach Numbers of 2.0, 2.5 and 3.0, System 606A" (U)

AVRO/SPG/TR 145, dtd May 58, "Performance Test of Gas Generator Exhaust Duct for Project PV 704" (U)

AVRO/SPG/TR 148, dtd May 58, "Fuel Tank Pressure Test" (U)

AVRO/SPG/TR 149, dtd May 58, "Performance Test of The Double Bend Gas Generator Air Inlet for Project PV.704" (U)

AVRO/SPG/TR 150, dtd May 58, "Tests on a Radial Flow Compressor Powered By Six A.S.M. Viper Engines" (U)

AVRO Report SPGTR 152, Issue 2, "Aerodynamics Test Specification" dated \_\_\_\_\_.

AVRO/SPG/TR 156, dtd May 58, "Aerodynamic and Physical Stability and Control Characteristics" (U)

AVRO/SPG/TR 160, dtd Jun 58, "Supersonic Speed and Range Performance of the P.V. 704 Aircraft" (U)

AVRO/SPG/TR 162, dtd May 58, "Partial Development and Test of the Subsonic Air Intake Diffuser for Project PV 704" (U)

Avro Rept. SPG/TR166, dtd May 58, Issue 2, "1/5 Scale Model - Avrocar Load and Stress Analysis" (U)

Avro Rept. SPG/TR#166 Issue 3, dtd Jul 58, "1/5 Scale Model - Avrocar Load and Stress Analysis" (U)

AVRO Report SPGTR 166, "Stress Report of Model Balance and Support Structure" dated \_\_\_\_\_.

AVRO/SPG/TR 167, dtd Jun 58, "Estimated Engine Performance Project PV 704" (U)

AVRO Report AVRO/SPG/TR-174, A Brief  
Technical Description of the Avrocar  
dtd May 1958 (U)

Avro Rept. SPG/TR175, dtd Oct 59, "1/20th Scale  
Model Avrocar Test Specification" (U)

AVRO Report SPGTR 175, "Test Specification for 1/20 Scale AVROCAR Model,  
Issue I" dated (1958). (I.D. No. 58RDZ-16176)

AVRO/SPG/TR 177, dtd Jun 58, "Experimental Invest-  
igation of the Effect of Varying the Duct Height  
and Central Hole Diameter on the Air Intake Diffuser  
of PE 704" (U)

AVRO/SPG/TR 178, dtd Jun 58, "Analysis of Second  
Series of Tests on a 1/23 Scale Supersonic Model -  
System 606A" (U)

AVRO Report SPGTR 182 "Addendum to Test Specification" dated (Dec 58) (I.D. No.  
58RDZ-30928)

AVRO Report SPGTR 182, "Stress Test Specification" dated (1958), (I.D. No.  
58RDZ-16155) and addendum.

AVRO/SPG/TR 182, dtd Jul 58, "Mass Flow and Thrust  
Calibration of Transonic Sting Models" (U)

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1958 (U)

Avro Aircraft Limited Rept. #185, dtd Aug 58, "Re-  
view of Lift and Drag Data from the First Series  
of Tests on The Sixth Scale Model, Project 1794" (U)

*AVRO Report SPG/TR 185, Review of Lift and  
Drag Data From The First Series of Tests  
On The <sup>one</sup> Sixth Scale Model Project 1794*

AVRO Report SPGTR 185, "A Review of Lift and Drag Data" dated \_\_\_\_\_.

Avro Rept. SPG/TR186, dtd Oct 58, "Report and Anal-  
ysis of Transonic Testing of System 606A" (U)

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dated November 1958. AD 271484

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AVRO Report SPGTR 195, "Procedures for Inspection and Maintenance of the Test Instrumentation" dated (1959) (I.D. No. 59RDZ-2874) (I.D. deffers from No. 31)

AVRO Report SPGTR 196, "Specification For Design and Installation of Instrumentation on the First and Second AVROCAR Test Vehicles" dated (1959). (I.D. No. 59RDZ-2874)

AVRO Report SPGTR 197, "Specification for Tests of an AVROCAR in the 40 X 80 ft. Wind Tunnel at NASA Ames Aeronautical Laboratories" dated June 1959. (I.D. No. 59RDZ-2873) AD 271485

AVRO Report SPGTR 198, "Structural Test Specification" dated (1958). (I.D. No. 58RDZ-16168)

AVRO Report SPGTR 198 Part I, "Engine Air Inlet Test Specification" dated (1958) (I.D. No. 58RDZ-30948)

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**Avro Specs Avro/SPG/TR 195 dtd 1 Oct 1958 (U)**

**Avro Spec TR 195 dtd Oct 1959 (U)**

**Avro Specs Avro/SPG/TR 195 dtd Nov 1958 (U)**

**Avro Specs Avro/SPG/TR 195 dtd 1 Oct 1959 (U)**

**Avro Specs Avro/SPG/TR 197 dtd Feb 1960 (U)**

**Avro Specs Avro/SPG/TR 195 dtd Sept 1958 (U)**

**Avro Specs Avro/SPG/TR 197 dtd 1 Oct 1958 (U)**

**Avro Specs Avro/SPG/TR 196 dtd March 1959 (U)**

**Avro Specs Avro/SPG/TR 198 dtd Nov 1958 (U)**

**Avro Specs Avro/SPG/TR 196 dtd 1 Oct 1958 (U)**

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AVRO Report SPGTR 203 II, "Power Plant Load Analysis, AVROCAR 1" dated October 1958. AD 271486

AVRO Report SPGTR 205, "Stress Summary" dated (June 59) (I.D. No. 59RDZ-2878). 59RDZ-2878)

Avro Rept. SPG/TR206, dtd Oct 58, "Stress Analysis of Primary Wing Structure" (U)

Avro/SPG/TR207, dtd Oct 58, Issue 1, "Stress Analysis - Wing Details" Avrocar 1 (U)

Avro/SPG/TR208, dtd Oct 58, Issue 1, "Stress Analysis Center Base Structure Avrocar 1" (U)

Avro/SPG/TR209, dtd Nov 58, Issue 1, "Stress Analysis - Wing Tip Structure Avrocar 1" (U)

Avro/SPG/TR210, dtd Jan 59, Issue 1, "Stress Analysis - Main Intake Structure Avrocar 1" (U)

AVRO Report SPGTR 210, "Main Intake Structure" dated \_\_\_\_\_.

AVRO Report SPGTR 211, "Super-Structure Ribs" dated \_\_\_\_\_.

Avro/SPG/TR211, dtd Jan 59, Issue 1, "Stress Analysis - Superstructure Ribs Avrocar 1" (U)

Avro/SPG/TR212, dtd Oct 58, Issue 1, "Stress Analysis - Trunk Door and Access Panels Avrocar 1" (U)

Avro/SPG/TR213, dtd Oct 58, Issue 1, "Stress Analysis - Cockpit Canopy and Deck Avrocar 1" (U)

Avro/SPG/TR214, Nov 58, Issue 1, "Stress Analysis Landing Gear Avrocar 1" (U)

Avro/SPG/TR215, dtd Nov 58, Issue 1, "Stress Analysis - Outer Wing Tip Structure Avrocar 1" (U)

AVRO Report SPGTR 215, "Stress Report on Outer Section of Wing Tip" dated \_\_\_\_\_.

AVRO Report SPGTR 216, "Engine Installation" dated \_\_\_\_\_.

Avro/SPG/TR216, dtd Mar 59, Issue 1, "Stress Analysis - Engine Installation Avrocar 1" (U)

Avro/SPG/TR217, dtd Nov 58, Issue 1, "Stress Analysis - Engine Intake Duct Avrocar 1" (U)

Avro/SPG/TR218, dtd Oct 58, Issue 1, "Stress Analysis - Engine Exhaust Duct Avrocar 1" (U)

Avro/SPG/TR219, dtd Oct 58, Issue 1, "Stress Analysis - Engine Cowlings and Firewalls Avrocar 1" (U)

Avro/SPG/TR220, dtd Oct 58, Issue 1, "Stress Analysis - Engine Oil System Avrocar 1" (U)

Avro/SPG/TR221, dtd Oct 58, Issue 1, "Stress Analysis - Engine Controls Avrocar 1" (U)

AVRO Report SPGTR 222, "Final Report on Rotor Installation" dated \_\_\_\_\_.

AVRO Report SPGTR 223, "Rotor Casing" dated \_\_\_\_\_.

Avro/SPG/TR223, dtd Jan 59, Issue 1, "Stress Analysis - Rotor Casing Avrocar 1" (U)

Avro/SPG/TR224, dtd Nov 58, Issue 1, "Stress Analysis - Rotor Exhaust Duct Avrocar 1" (U)

Avro/SPG/TR225, dtd Nov 58, Issue 1, "Stress Analysis - Fuel Tanks and Fuel System Installation Avrocar 1" (U)

AVRO Report SPGTR 226 II, "Stress Analysis Flight Controls, AVROCAR 1" dated September 1959. (I.D. No. 58RDZ-16163) AD 271487

AVRO Report SPGTR 227, "Radio and Electrical Installation" dated (1958). (I.D. No. 58RDZ-30944)

AVRO Report SPGTR 229, "Instrument Installation" dated \_\_\_\_\_.

AVRO Report SPGTR 230, "Flight Test Equipment Installation Stress Analysis" dated (1959) (I.D. No. 59RDZ-2870)

AVRO Report SPGTR 242, "Tests on J69 Intake and Exhaust Ducting for AVROCAR" dated April 1959. (I.D. No. 59RDZ-2887) AD 271488

AVRO Report SPGTR 244 II, "The Development of the Equations of Motion of the AVROCAR" dated June 1959. (I.D. No. 59RDZ-15311) AD 271489

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