

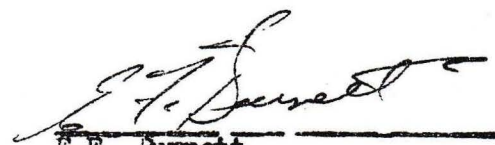
72.113-58104
SECRET
UNCLASSIFIED

AVRO AIRCRAFT LIMITED
INTER-DEPARTMENTAL MEMORANDUM

ANALYZED

QC
Avro
C-105
7-0400-71
Iss. 9
NHE
no
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O
P
Ref: 1012/11/J
Date: 7 June, 1958
To: Mr. C.V. Lindow
From: E.F. Burnett
Subject: Arrow 1 - Weight & Balance 10 Flight

Herewith Weight & Balance data for Arrow 1 25201 Flight
10.


E.F. Burnett
Weight Supervisor

EFB/ag
cc: Messrs. F.P. Mitchell
D.W. Scard
J.C. Floyd
R.N. Lindley
T. Roberts
G. Hake
J. Thorne
J. Lucas
A. Crust (7)
Central Files

Classification cancelled / changed to: UNCLASSIFIED

By authority of: DRDA 7/DARFT 5-8/DAS Eng 6-4-5

Date: 5 Nov 1992

Signature: B Aubrey

Unit / Rank / Appointment: DSIS 3, Secretary CRAD HQ DRP



55346

Date: 7 June, 1958

7-0400-71-9

Sheet: 1

SECRET

Flight No. 25201	Cat. No. 28% - 31%	Item 1
Flight No. 10	From Wt. 68080	18850
From Wt. 68080	542.43	29.40
From Wt. 68080	540.94	28.99
From Wt. 68080	542.43	29.41
From Wt. 68080	540.96	29.00
From Wt. 68080	540.92	29.02
From Wt. 68080	541.05	29.02
From Wt. 68080	542.98	29.58
From Wt. 68080	541.21	29.06

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WEIGHT AND BALANCE CLEARANCE FORM ARROW 1
ACTUAL WEIGHT, LOAD

Sheet # 2

<u>CONDITION</u>	<u>WEIGHT</u> <u>lb</u>	<u>H. ARM</u> <u>ins.</u>	<u>M.A.C.</u> <u>%</u>
AIRCRAFT BASIC WEIGHT FOR FLIGHT TEST	48378	543.97	
1. <u>Less: Equipment Not Installed</u>	-	-	
TOTAL EQUIPMENT NOT INSTALLED			
2. <u>Plus: Additional Equipment Installed</u>			
Residual Fuel	285	557.84	
Trapped Fuel	372	600.00	
TOTAL ADDITIONAL EQUIPMENT INSTALLED	657	551.71	
3. <u>Plus: Crew</u>			
Pilot	195	168.00	
Observer	-	-	
TOTAL CREW	195	168.00	
OPERATIONAL WEIGHT EMPTY (U/C Down)	49230	542.98	
Operational Weight Empty (U/C Down)	49230	540.92	
4. <u>Fuel To Be Carried</u>			
# 1 Tank	1976	354.59	
# 2 Tank	1946	435.23	
# 3 Tank x 2	2270	446.14	
# 4 Tank x 2	1353	502.47	
# 5 Tank x 2	2195	548.87	
# 6 Tank x 2	2315	589.11	
# 7 Tank x 2	4194	627.57	
# 8 Tank x 2	2601	675.52	
TOTAL FUEL	18050	541.00	
GROSS WEIGHT (U/C Down)	68080	542.43	29.40

Cockpit Gauges L.H. 9500
Cockpit Gauges R.H. 9350UNCLASSIFIED
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