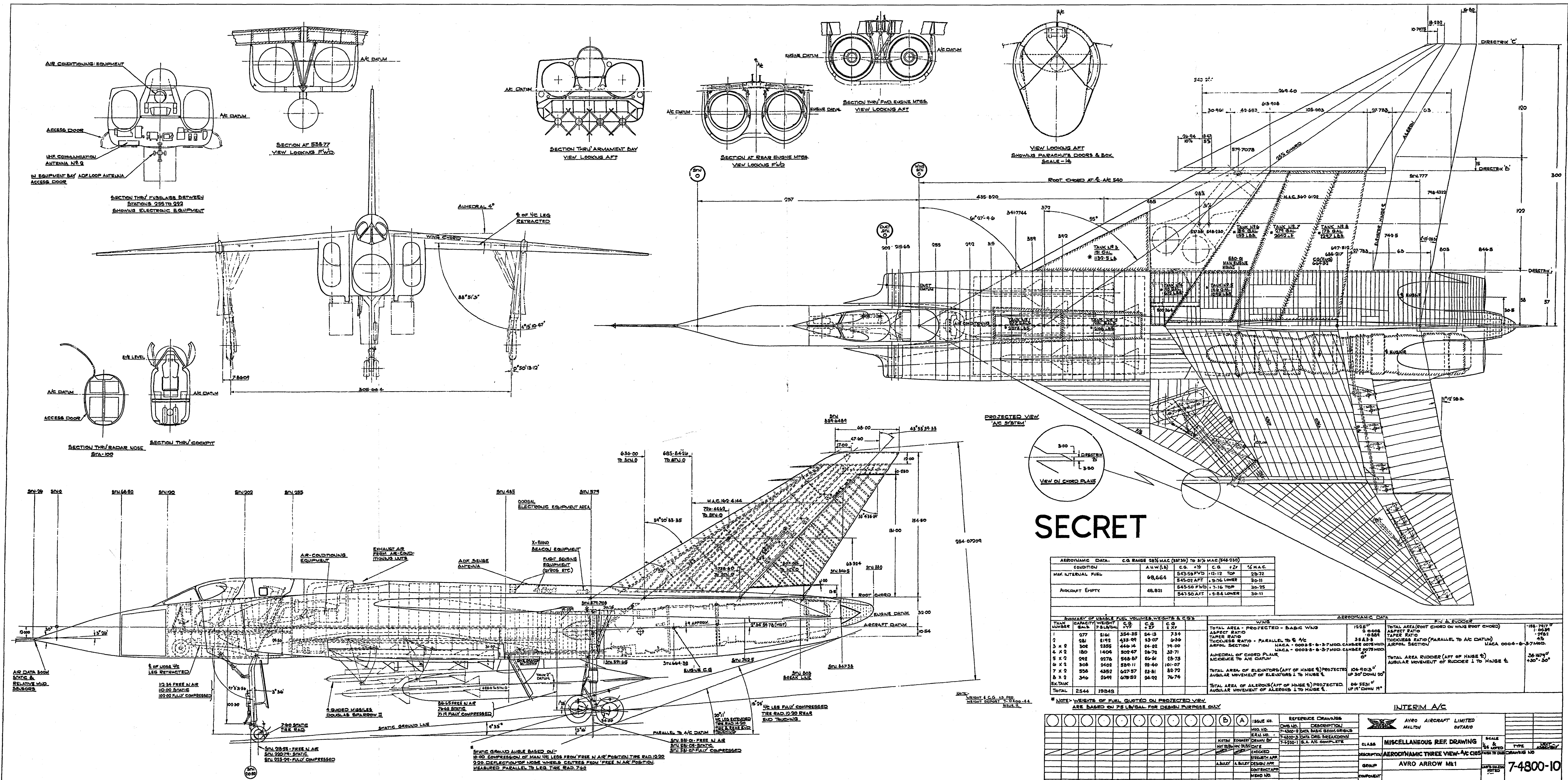




SECRET

AERODYNAMIC DATA - C.G. RANGE 28% MAC (30.75) TO 31% MAC (34.250)				
CONDITION	A.W. (Lb)	C.G. +2%	C.G. +2%	1/2 M.A.C.
MAX. INTERNAL FUEL	68,664	543.58 FWD	12.12 TOP	28-72
		545.02 AFT	9.76 LOWER	30-11
AIRCRAFT EMPTY	48,821	543.50 FWD	7.16 TOP	30-25
		547.50 AFT	3.84 LOWER	30-11

SUMMARY OF VARIABLE FUEL VOLUMES, WEIGHTS & C.G.'S					AERODYNAMIC DATA				
TANK NUMBER	CAPACITY (GAL)	WEIGHT (Lb)	C.G. (IN)	C.G. (IN)	TOTAL AREA - PROTECTED - BASIC WING	WING	FIN & RUDDER	FIN & RUDDER	FIN & RUDDER
1	377	5161	354-25	24-13	734	1028	1028	1028	1028
2	306	5192	433-09	33-07	0-36	1028	1028	1028	1028
3	306	5205	448-14	34-22	0-36	1028	1028	1028	1028
4	180	1406	509-47	39-72	23-71	1028	1028	1028	1028
5	302	5278	548-57	40-61	23-73	1028	1028	1028	1028
6	308	5402	589-11	42-40	101-07	1028	1028	1028	1028
7	558	4352	627-57	43-81	82-72	1028	1028	1028	1028
8	346	2649	678-52	44-92	76-74	1028	1028	1028	1028
TOTAL	2544	19848				1028	1028	1028	1028

* NOTE: WEIGHTS OF FUEL QUOTED ON PROJECTED VIEW ARE BASED ON 7.5 LB/GAL FOR DESIGN PURPOSES ONLY

REFERENCE DRAWINGS					AVRO AIRCRAFT LIMITED				
NO.	DATE	DESCRIPTION	BY	CHKD	CLASS	GROUP	COMPONENT	SCALE	TYPE
7-4300-1	1948-10	DATA BASIC GEOMETRIC	DESIGNED	CHKD	MISCELLANEOUS REF DRAWING	AVRO ARROW Mk1		1/8" = 1'-0"	TYPE
7-4300-2	1948-10	DATA BASIC BREAKDOWN	DESIGNED	CHKD					
7-4300-3	1948-10	DATA BASIC BREAKDOWN	DESIGNED	CHKD					
7-4300-4	1948-10	DATA BASIC BREAKDOWN	DESIGNED	CHKD					
7-4300-5	1948-10	DATA BASIC BREAKDOWN	DESIGNED	CHKD					
7-4300-6	1948-10	DATA BASIC BREAKDOWN	DESIGNED	CHKD					
7-4300-7	1948-10	DATA BASIC BREAKDOWN	DESIGNED	CHKD					
7-4300-8	1948-10	DATA BASIC BREAKDOWN	DESIGNED	CHKD					
7-4300-9	1948-10	DATA BASIC BREAKDOWN	DESIGNED	CHKD					
7-4300-10	1948-10	DATA BASIC BREAKDOWN	DESIGNED	CHKD					