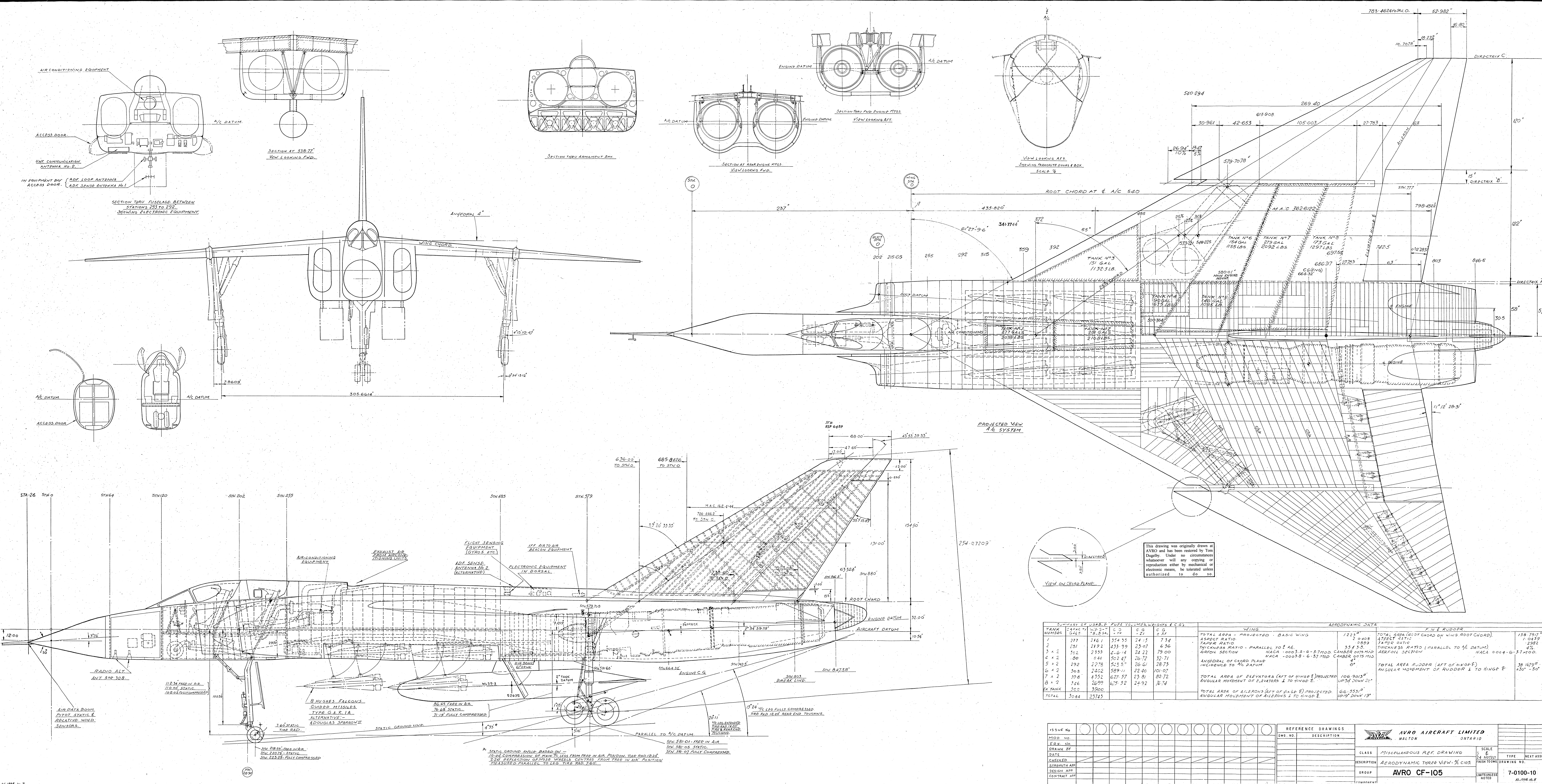




SUMMARY OF USABLE FUEL VOLUMES, WEIGHTS & C.G.					AERODYNAMIC DATA				
TANK NUMBER	CAPACITY GALS	WEIGHT LBS	C.G. IN	C.G. IN	WING		F.N. & RUDDER		
1	277	316.1	354.35	24.13	TOTAL AREA - PROJECTED - BASIC WING		TOTAL AREA (ROOT CHORD ON WING ROOT CHORD)		159.7917"
2	281	219.2	433.99	23.07	ASPECT RATIO		ASPECT RATIO		1.0439
3	2	2355	416.14	24.22	TAPER RATIO		TAPER RATIO		2.982
4	2	80	502.47	26.72	THICKNESS RATIO - PARALLEL TO L.A.E.		THICKNESS RATIO (PARALLEL TO 1/4 DATUM)		4%
5	2	292	523.5	26.67	ARFOIL SECTION		ARFOIL SECTION		
6	2	368	2402	28.40	NACA - 0003.5-6-3 MOD CAMBER 30% MID		NACA - 0003.8-6-37 MOD CAMBER 30% MID		
7	2	398	4351	23.81	NACA - 0003.8-6-37 MOD CAMBER 30% MID		NACA - 0004-6-37 MOD		
8	2	326	2690	24.92	ANGLED OF CHORD PLANE INCIDENCE TO 1/4 DATUM		TOTAL AREA RUDDER (APT OF HINGE E)		38.1679"
EX TANK	300	3300			TOTAL AREA OF ELEVATORS (APT OF HINGE E) PROJECTED		ANGULAR MOVEMENT OF RUDDER 1 TO HINGE E		30° - 30°
TOTAL	3044	23745			ANGULAR MOVEMENT OF ELEVATORS 1 TO HINGE E		TOTAL AREA RUDDER (APT OF HINGE E)		

ISSUE NO.		REFERENCE DRAWINGS		AVRO AIRCRAFT LIMITED	
MOD. NO.		DWG. NO.	DESCRIPTION	MALTON	ONTARIO
DESIGN NO.					
DATE					
CHECKED					
DESIGN APP.					
CONTRACT APP.					
				CLASS	MISCELLANEOUS REF. DRAWING
				DESCRIPTION	AERODYNAMIC THREE VIEW - 1/4 CLOS
				GROUP	AVRO CF-105
				SCALE	1/4" = 1'-0"
				TYPE	NEXT ASSEMBLY
				UNITS/UNLESS NOTED	7-0100-10