

AVRO C-102 Jetliner

CANADIAN SHORT TO MEDIUM RANGE JET TRANSPORT

Wing Span :	98 ft. 1 in.	Empty Weight :	29,500 lb.
Horiz. Stab. Span :	37 ft. 0 in.	Payload :	12,500 lb.
Length :	83 ft. approx.	Fuel :	23,000 lb.
Tail Height :	26 ft. 5.5 in.	Max. Gross :	65,000 lb.
Fuselage Height :	14 ft. 3.6 in.	Engines :	4 Rolls-Royce Derwent 5a
Fuselage Dia. :	10 ft. 0 in.	Thrust :	14,400 lb. total
Wheel Base :	31 ft. 9.5 in.	Max. Cruise :	450 mph @ 30,000 ft.
Wheel Track :	22 ft. 6 in.	Range :	1,400 mi.

Wing Area :	1157 sq. ft.	LE Sweep :	4.5 deg.
Root Airfoil :	NACA 23016.5	Dihedral :	6 deg.
Tip Airfoil :	NACA 23012	Wing Incidence :	2.5 deg.
Aspect Ratio :	8.1	Flaps :	Split
Wing Taper :	0.5		

