

# 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          |                  |          |

