



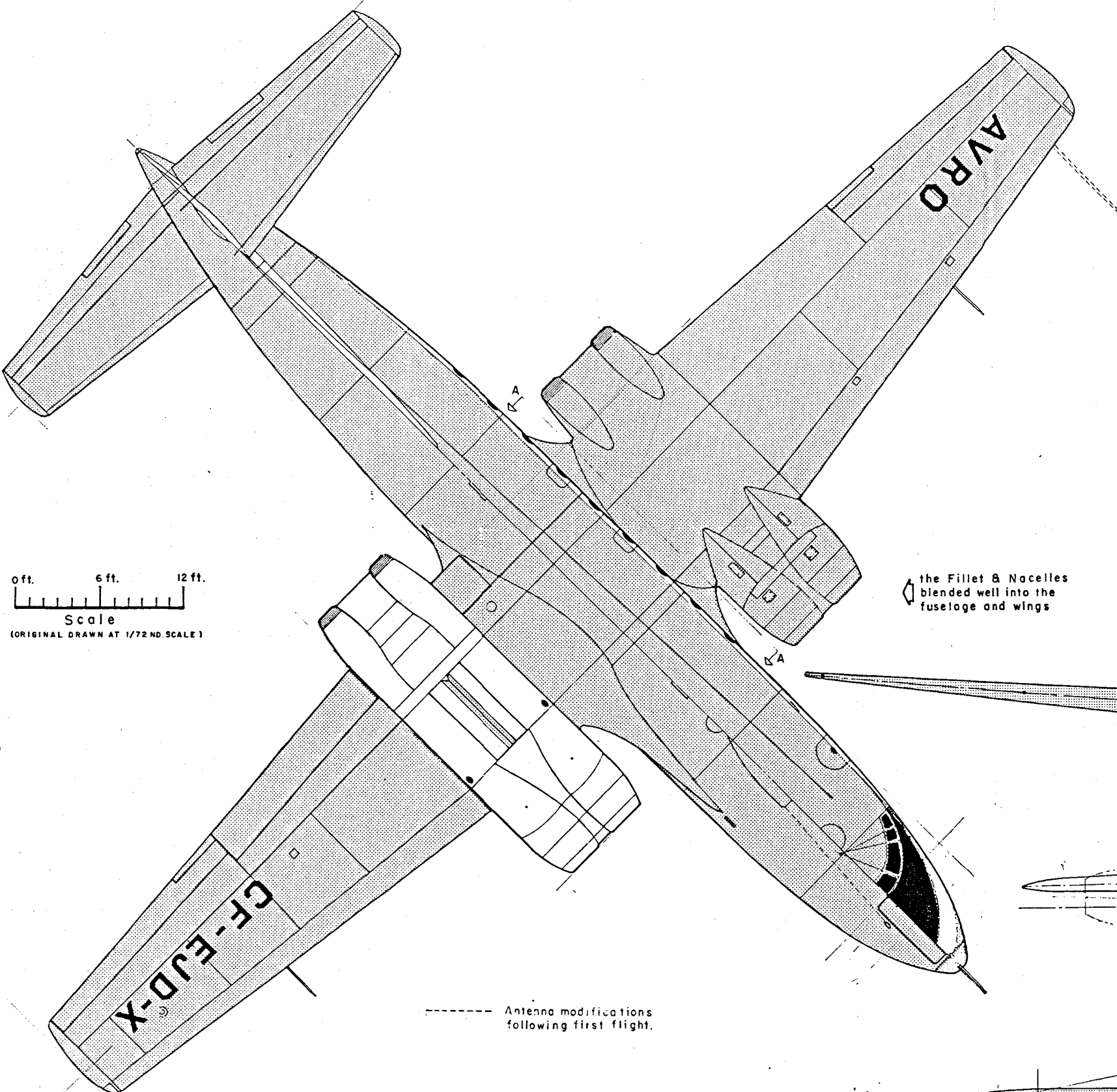
AVRO C-102 JETLINER

CANADIAN-SHORT TO MEDIUM RANGE-JET TRANSPORT

Dimensions

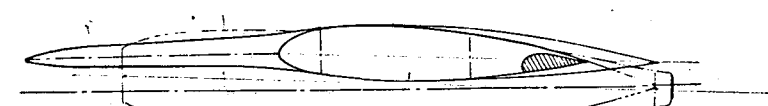
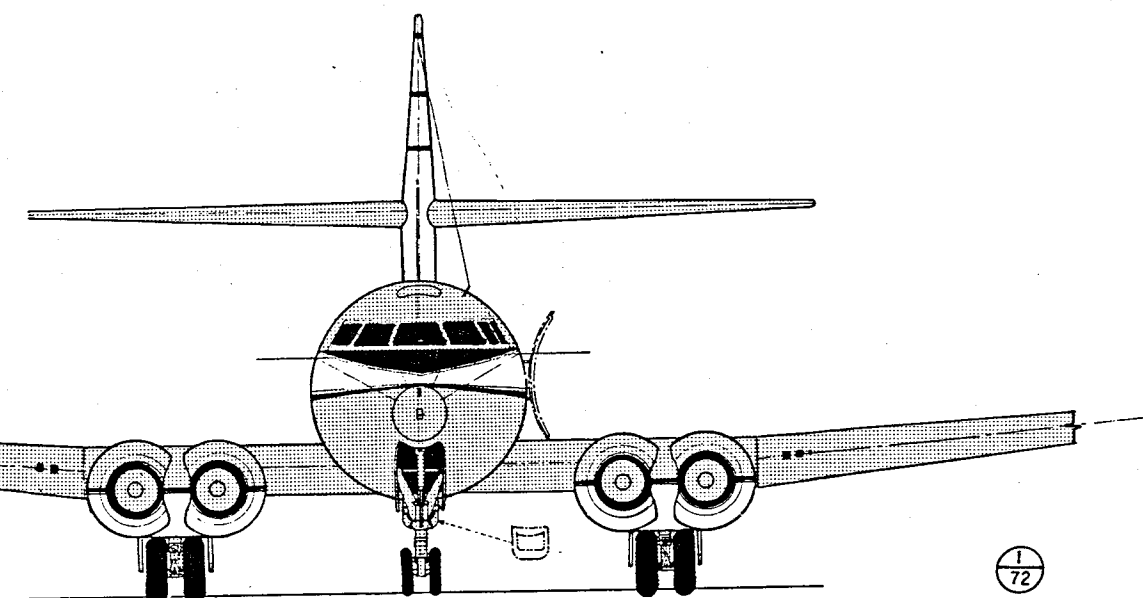
Span: Wings	98 ft. 1 in.	Operational	
Hor. Stab.	37 ft. 0 in.	Empty	29,500 lb.
Length	83 ft. approx.	Total Payload	12,500 lb.
Height: Tail	26 ft. 5.5 in.	(represented partly by water	
Fuselage	14 ft. 3.6 in.	ballast on CF-EJD since	
Fuselage Dia.	10 ft. 0 in.	no representative seats in	
		the Prototype aircraft.)	
Wheel Base	31 ft. 9.5 in.	Fuel	23,000 lb.
Wheel Track	22 ft. 6 in.	Max. Gross Wt.	65,000 lb.

Powered by Four Rolls-Royce Derwent 5a Engines of 3,600 lb. static thrust each. Max. Cruising Speed: 450 mph. at 30,000 ft. Altitude. Max. Still Air Range: 1,400 mi.



0 ft. 6 ft. 12 ft.
Scale
(ORIGINAL DRAWN AT 1/72 ND SCALE)

the Fillet & Nacelles
blended well into the
fuselage and wings



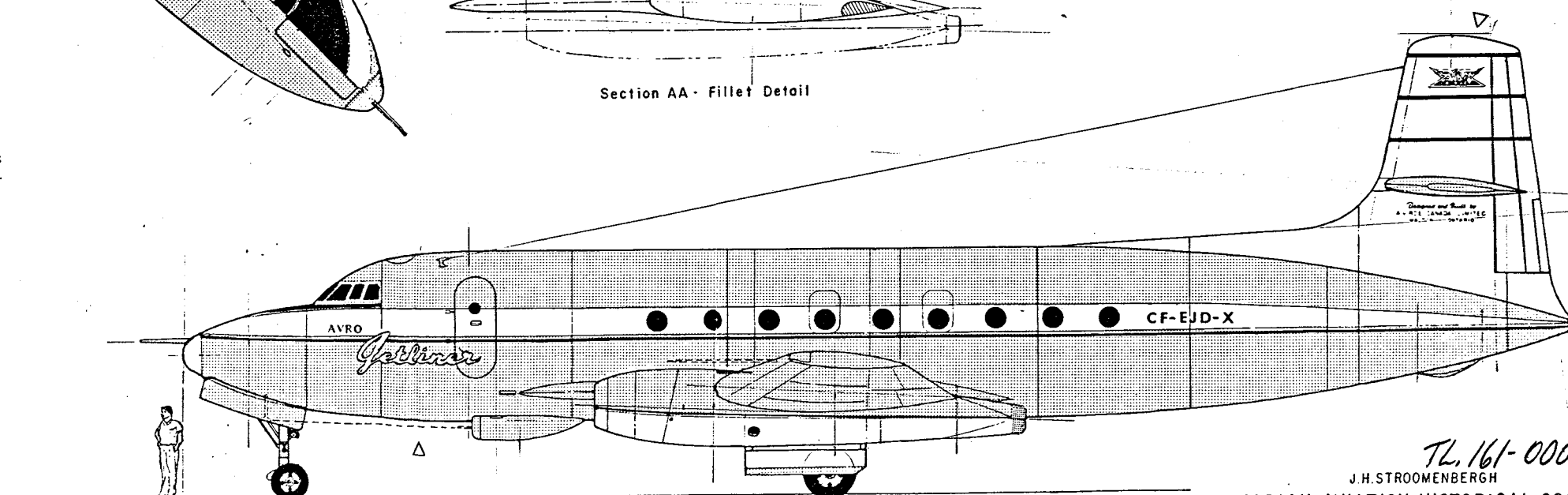
Section AA - Fillet Detail

----- Antenna modifications
following first flight.

Colour Scheme

- Metalllic/Silver
- Black
- Yellow
- Red - Jetliner insignia and background to Avro logo

Colour Scheme illustrated here refers to first flight on August 10, 1949. Subsequent colour schemes and markings consisted of adding 'CANADA' after AVRO, a black fin tip followed by black de-icer boots installed on the leading edges of the fin. Final finish sported white upper fuselage.



TL 161-0008
J.H. STROOMENBERGH
CANADIAN AVIATION HISTORICAL SOCIETY