

6510T1026

Figure 1-2. Three View Drawing

SPECIFICATIONS

DIMENSIONS

Length	47.30 Feet
Height	15.00 Feet
Wingspan	51.70 Feet
Horizontal Stabilizer Span	19.00 Feet
Wheelbase (Main to Nose Gear)	18.50 Feet
Stance (Distance Between Main Gear)	13.10 Feet
Cabin:	
Length (Pressure Vessel)	20.90 Feet
Height	4.75 Feet
Width	4.92 Feet

CAPACITIES

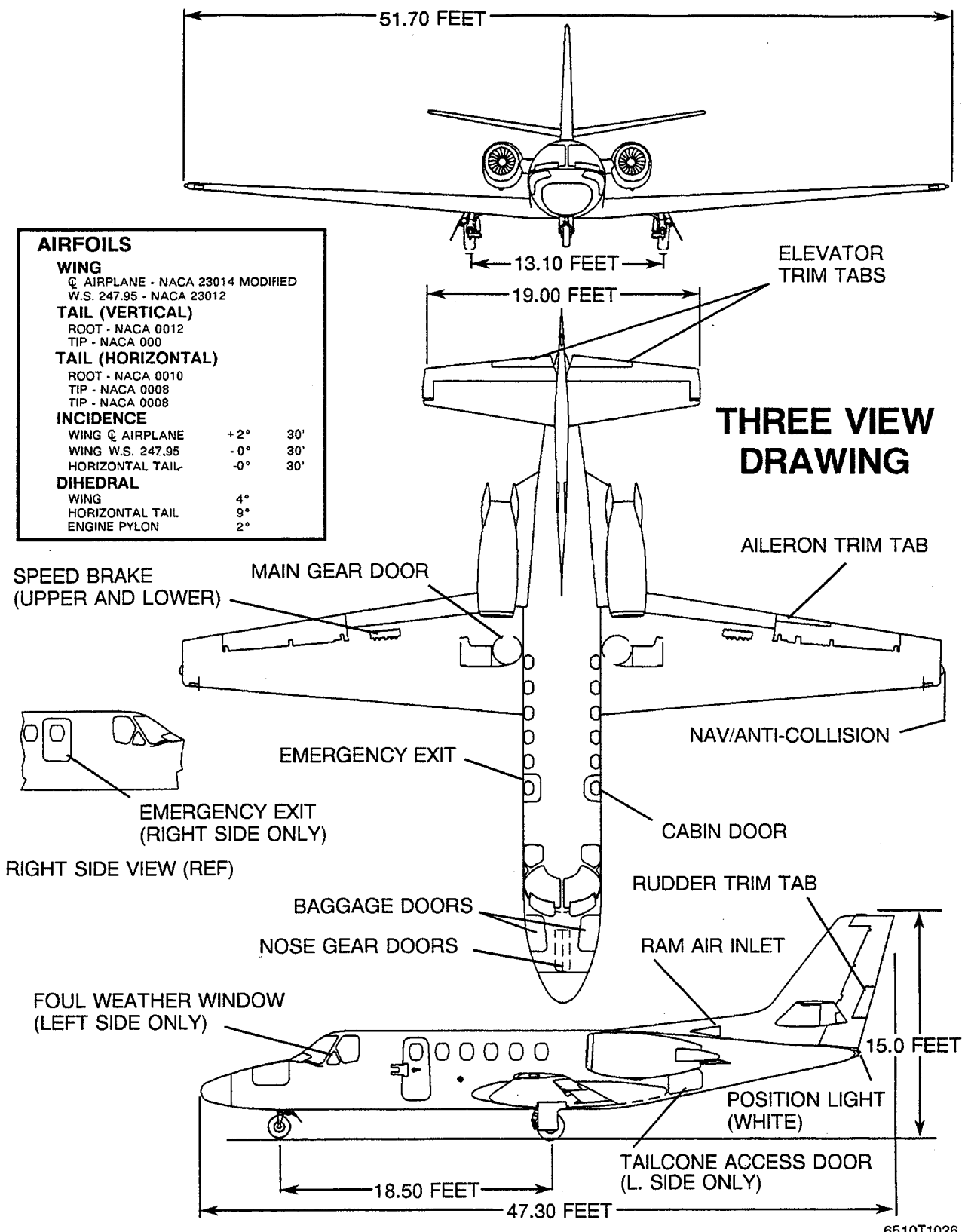
Oil Tank	1.25 Gallons Per Engine
Fuel (Maximum Usable)	Approximately 2430 Pounds Per Tank (360 Gallons)
Oxygen (Full 64-cubic foot bottle charged to 1600-1800 PSI with usable regulated pressure of 70 PSI)	1600 Liters Usable
Hydraulic Fluid Reservoir	0.65 Gallon
Hydraulic Brake Fluid Reservoir	0.25 Gallon
Windshield Alcohol Reservoir	0.50 Gallon

ENGINES

Type	PW530A Turbofan
Manufacturer	Pratt & Whitney Canada Inc.
Maximum Dry Weight	609.2 Pounds
Thrust (Takeoff, Standard Day at Sea Level)	2750 Pounds
Bypass Ratio	Approximately 3.2 to 1

AVIONICS STANDARD PACKAGE (Airplanes -0845 and On)

Equipment	Quantity	Type Equipment
Communication (VHF)	2	Bendix/King KY-196A
Navigation/ILS	2	Bendix/King KN-53
Marker Beacon	2	Bendix/King KMR-675
Standby Horizontal Situation Indicator	1	Aeronetics HSI-315A
Distance Measuring Equipment	2	Bendix/King DM-441B
Transponder	2	Bendix/King KT-70
Weather Radar	1	Honeywell Primus 660
Automatic Direction Finder	1	Bendix/King KR-87
Autopilot/Flight Director (Dual)	1	Honeywell P-1000
Cockpit Voice Recorder	1	Loral A200S
Dual Electronic Flight Instrument System (EFIS)	1	Honeywell P-1000
Radio Altimeter	1	Collins ALT-55B
Flight Management System	1	Global GNS-X _{LS} with GPS sensor
Standby Gyro	1	J.E.T. AI-804
Dual Audio System	1	Avtech
Angle-of-Attack/Stall Warning	1	Safe Flight



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AVIONICS STANDARD PACKAGE (Airplanes -0801 thru -0844)

Equipment	Quantity	Type Equipment
Communication (VHF)	2	Bendix/King KY-196A
Navigation/ILS	2	Bendix/King KN-53
Marker Beacon	2	Bendix/King KMR-675
Standby Horizontal Situation Indicator	1	Aeronetics HSI-315A
Distance Measuring Equipment	2	Bendix/King DM-441B
Transponder	2	Bendix/King KT-70
Weather Radar	1	Honeywell Primus 650
Automatic Direction Finder	1	Bendix/King KR-87
Autopilot/Flight Director (Dual)	1	Honeywell P-1000
Cockpit Voice Recorder	1	Loral A200S
Dual Electronic Flight Instrument System (EFIS)	1	Honeywell P-1000
Radio Altimeter	1	Collins ALT-55B
Flight Management System	1	Global GNS-X _{LS} with GPS sensor
Standby Gyro	1	J.E.T. AI-804
Dual Audio System	1	Avtech
Angle-of-Attack/Stall Warning	1	Safe Flight