



Propeller Oil	MIL-H-5606B																											
Airspeed Limits (knots IAS)	<table border="0"> <tr> <td><math>V_{MO}</math> (Maximum operating)</td> <td>367 knots</td> <td>at sea level</td> </tr> <tr> <td colspan="3">See NAVAIR (01-75PAA-1)</td> </tr> <tr> <td><math>V_A</math> (Maneuvering)</td> <td></td> <td></td> </tr> <tr> <td><math>V_B</math> (Turbulent air penetration)</td> <td>220 knots</td> <td></td> </tr> <tr> <td><math>V_{FE}</math> (Takeoff &amp; Approach)</td> <td>190 knots</td> <td></td> </tr> <tr> <td><math>V_{FE}</math> (Landing)</td> <td>170 knots</td> <td></td> </tr> <tr> <td><math>V_{LO}</math> (Landing gear operation)</td> <td>190 knots</td> <td></td> </tr> <tr> <td><math>V_{LE}</math> (Landing gear extended)</td> <td>300 knots</td> <td></td> </tr> <tr> <td><math>V_{LL}</math> (Landing light extended)</td> <td>260 knots</td> <td></td> </tr> </table>	$V_{MO}$ (Maximum operating)	367 knots	at sea level	See NAVAIR (01-75PAA-1)			$V_A$ (Maneuvering)			$V_B$ (Turbulent air penetration)	220 knots		$V_{FE}$ (Takeoff & Approach)	190 knots		$V_{FE}$ (Landing)	170 knots		$V_{LO}$ (Landing gear operation)	190 knots		$V_{LE}$ (Landing gear extended)	300 knots		$V_{LL}$ (Landing light extended)	260 knots	
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Heated Windshield	If electric windshield heat is operative, it must be used for all flight operations. Operation without windshield heat on any or all portions of the windshield is permissible provided (1) The airplane is not flown in known icing conditions and (2) The maximum speed limit below 10,000 feet is 240 knots.																											
C.G. Range	See Figure 1-82, NAVAIR 01-75PAA-1																											
Datum	573.7 inches forward of jig points (white circled screws) located .75 inches outboard of wing station 65 joint, 2.5 inches aft of leading edge joint.																											
MAC	168.7, leading edge 545.9 inches aft of Datum																											
Maximum Takeoff Weight	127,500 lbs																											
Maximum Landing Weight	91,320 lbs																											
Maximum Zero Fuel Weight	71,584 lbs.																											
Leveling Means	Plumb-bob leveling suspension fitting is located in the cabin ceiling at station 723 on the centerline. The leveling grid is directly below the plumb bob fitting under the floor.																											
Minimum Crew	Pilot and Co-Pilot																											
Passengers	None, limited to the flight crew and number of persons essential to operations.																											
Fuel Capacity	See NAVAIR 01-75PAA-1																											
Oil Capacity	Four nacelle tanks (ARM 492.0) Capacity for each tank 8.65 gallons.																											
Cargo Capacity	None																											
Maximum Operating Altitude	30,000 ft.																											
Control Surface Movements	See NAVAIR 01-75PAA-2-2																											
Serial Numbers Eligible	Surplus military P-3A airplanes that have been found to comply with the requirements of this data sheet.																											
Certification Basis	The certification basis is FAR 21.25 (a) (2). Forest and Wildlife Conservation																											
Production Basis	None - Prior to original certification of each aircraft, an FAA representative must perform an inspection for workmanship, materials, and conformity with the approved technical data. All applicable Technical Orders affecting airworthiness must be accomplished.																											

