



RAM AIRCRAFT, LP

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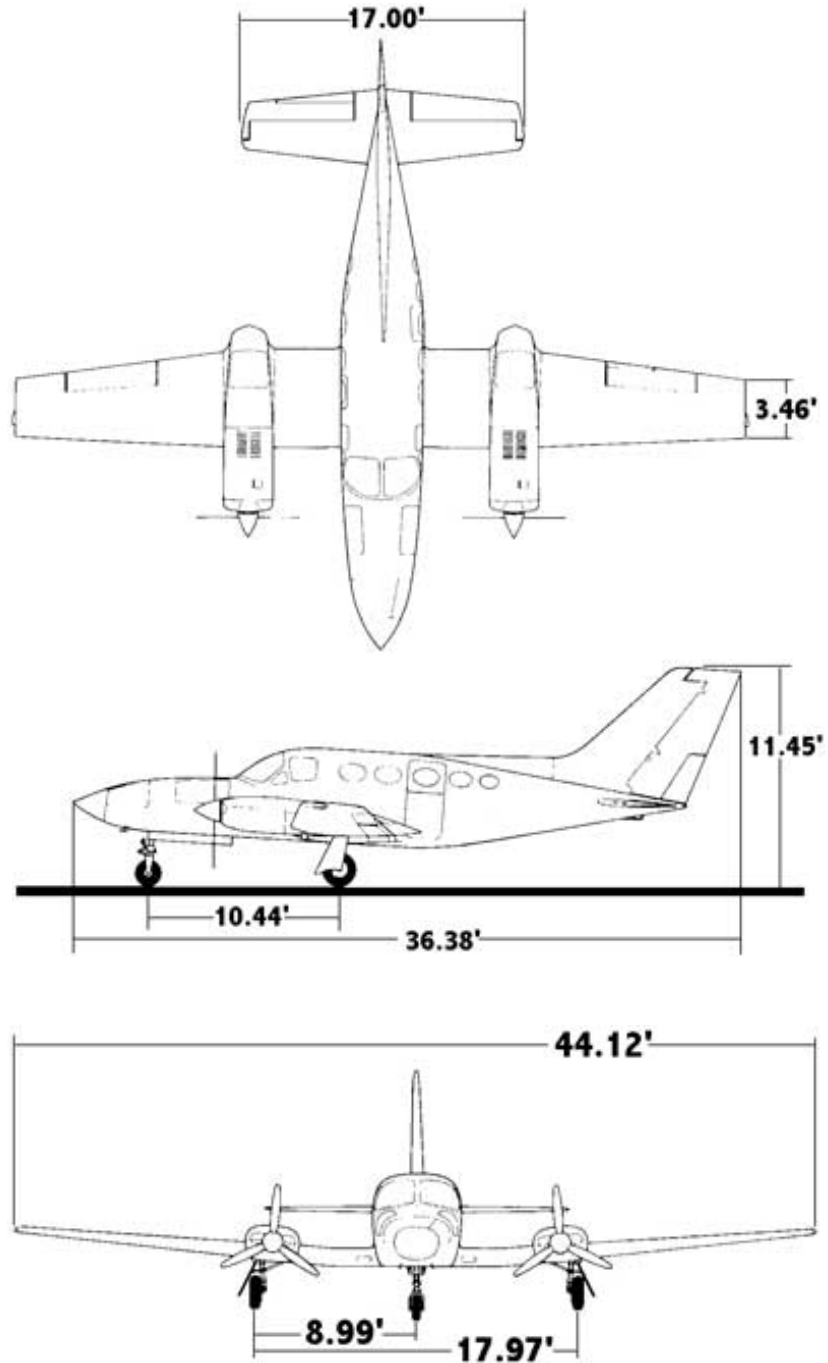
ENGINES • PARTS • PROPELLERS • ACCESSORIES • STC'S

Performance - Cessna 414A RAM - Series IV

Primary Specifications	Cessna 414A	RAM Series IV
Engine Model: Continental TSIO-520-NB	310 hp	325 hp
TBO - hours	1,600	1,600
Fuel Capacity - useable - gallons	206	206
Takeoff Manifold Pressure @ 2700 rpm	38"	41"
Twin Engine Climb - ISA @ 7,105 lbs.	NA	1486
Twin Engine Climb - ISA @ 6,750 lbs.	1500	1580
Single Engine Climb - ISA @ 7,105 lbs.	NA	257
Single Engine Climb - ISA @ 6,750 lbs.	270	316
Cruise Climb Power - ISA + 30°F - RPM & MP	2450 & 31.5"	2500 & 35.0"
Cruise Climb - SL to 18,000 ft - minutes	24	19
Cruise @ 75% - ISA - 20,000 ft. - ktas	208	215
Cruise @ 65% - ISA - 20,000 ft. - ktas	192	203
Cruise @ 55% - ISA - 20,000 ft. - ktas	176	190
Useful Load Increase - lbs.	NA	+355
Ramp Weight - lbs.	6,785	7,140
Gross Weight - lbs.	6,750	7,105
Landing Weight - lbs.	6,750	6,750
Zero Fuel Weight - lbs.	6,515	6,515
With Winglets		
Ramp Weight - lbs.	6,785	7,087
Gross Weight - lbs.	6,750	7,087
Zero Fuel Weight - lbs.	6,515	6,515
Wingspan, or Winglets Tip Top Span	44'-1.5"	45'- 4.8"

Performance should vary from airplane to airplane, atmospheric day to atmospheric day, one gross weight and CG to another, and pilot to pilot.

Cessna 414A Dimensions



Performance is based on a mid CG with mid cabin and fuel weight on an average day. Performance should always be calculated per flight environment while referring to the Manufacturer's Pilots Operating Handbook and applicable Flight Manual Supplements for the particular airplane. Aircraft Manufacturer's Pilot Operating Handbooks and Aircraft Owner's Manuals should always be available and adhered to by the aircraft Pilot in Command, including attention to applicable FAA approved Flight Manual Supplements and emergency procedures for each individual aircraft. Performance should vary from airplane to airplane, atmospheric day to atmospheric day, one gross weight and CG to another, and pilot to pilot.

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