

PREPARED BY ADAM STITES

1984 AEROSTAR 700P

TWIN ENGINE VREF PRESSURIZED PISTON TWIN INDEX



Formerly known as the Ted Smith Aerostar, the Piper Aerostar is an American twin-engined propeller-driven executive aircraft and was designed by Ted. R. Smith. Originally, the Aerostar was built by the Ted Smith Aircraft Company which became part of the Piper Aircraft Corporation after his death in 1978. Piper Aircraft Corporation introduced the 700P model in 1984, just four years after releasing the 602P. This aircraft was redesigned to include a pair of intercooled, 350-hp Lycomings. It may be the heaviest of all Aerostar models produced, but it is also the cleanest because of these engines which reduced the drag of the air intake. At 15k feet, the 700P single-engine service ceiling is the highest of all the models. But a favored characteristic of the 700P is the rate of climb on one engine at gross weight. Just one engine with flaps up and gear up will allow this model to climb 350 feet per minute from sea level. For such a great aircraft, only 25 of the 700Ps were made.

Airframe Time (AFTT) / Engine Time

ITEM	VALUE
Registration #	N702RJ
Serial #	60-8423011
Airframe Total Time (AFTT)	3015
AFTT Avg	5635.01
Since Major Overhaul (SMOH)	
SMOH Engine 1 - Lycoming L/TIO-540-U2A/B	1520.00
TBO Avg	900.0
SMOH Engine 2 - Lycoming L/TIO-540-U2A/B	1520.00
TBO Avg	900.0

Performance & Specs

ITEM	VALUE
Configuration	Twin Engine, Piston, Pressurized
Max Seats	6
Max Take-Off Weight	6315 lbs
Cruise	254 kts
Range	868 nm
Take-Off Run	1720 ft
Landing Roll	1220 ft
Wing Span	36 ft 8 in
Length	34 ft 10 in
Height	11 ft
Take-Off Run (50 ft)	2180 ft



VREF VALUATION

MAY 26, 2024
PREPARED BY ADAM STITES
1984 AEROSTAR 700P

Summary

ITEM	\$ RETAIL/FAIR MKT	\$ WHOLESALE
Basic Price	409,736.00	344,178.00
Adds/Deducts	147,779.50	124,134.78
Airframe	26,200.10	22,008.08
Engine	-54,175.60	-45,507.50
Condition	0.00	0.00
TOTAL	529,540.00	444,813.36

Base Price Includes

Dual digital NAV/COMS, 2-axis Autopilot, ADF, DME. Base Price Includes the following: Aircraft is compliant with ADS-B Out, AD's and SB's complied with, No Damage History, complete records and logbooks since new with Mid-Life engines and mid-time maintenance unless otherwise noted. Aircraft Base Price assumes aircraft Paint and Interior Condition are Good unless otherwise noted. Please refer to the FAQ for paint and interior definitions.

Modifications and Conversions

ITEM	AGE	VALUE
Option #275 Blended Winglets		14,000.00
Option #126 Electric Windshield Anti-Ice		6,050.00
Option #244 Auxiliary Fuel Tank System		15,375.00
Option #246-1 700-6 Wheel Brake System		7,950.00
Option #262 & 264 5.5 PSID Cabin Pressurization Upgrade		19,000.00
920A Engine Fire Detection Kit		989.00
TOTAL		\$63,364.00

Manual Adjustments

DESCRIPTION	VALUE
-	-
TOTAL	\$0.0

Floats

ITEM	AGE	VALUE
-	-	-
TOTAL		\$0.0

Market Data & Recent ADs

YEAR	ITEM
1998-03-13	AFM - Limitations Section - Icing
1994-09-12	Nose Landing Gear Drag Link Assembly
1986-01-27	Autopilot Systems
1987-05-15	Exhaust System Components
1987-11-02	Fuel Filler Openings
1988-11-06	Exhaust Systems (STC SA980NM)
1988-12-26	Engine Fluid-Carrying Hoses
1989-02-24	Cabin Door
1990-03-01	Service Bulletin 920 - Fire Prevention
1991-12-20	Manifold Pressure Operations
1993-08-20	Torque Links
2005-02-23	Mode S transponders
2003-11-17	Auxiliary fuel transfer pumps

Avionics

ITEM	AGE	VALUE
G600 TXi 10.6 inch	5	27,876.00
GTN 750Xi	5	9,847.50
GTN 650Xi	5	6,797.50
JPI EDM 960 TWIN ENGINE SYSTEM	5	8,291.50
KFC 225 DIGITAL	5	31,603.00
TOTAL		\$84,415.50

Retail Percent Change

ITEM	VALUE
Change Last Quarter	0.00%
Change Last 12 Months	0.00%
Change Since New	-32.85%
Price When New	\$610,200.00

Condition & History

Paint	Interior Condition
B - Good	-



VREF VALUATION
MAY 26, 2024
PREPARED BY ADAM STITES
1984 AEROSTAR 700P

YEAR	ITEM
2003-01-17	Roto-Master and Rajay scavenge pumps
2001-06-15	Automatic Flight Control Systems
2001-06-12	Main Landing Gear Lower Side Brace Assemblies
1999-01-08	Wing Upper Spar Cap