

PREPARED BY PAUL BURGESSON

1965 PIPER CHEROKEE PA-28-180

SINGLE ENGINE VREF LIGHT SINGLE INDEX



The **Piper PA-28 Cherokee** is a family of two-seat or four-seat light aircraft built by Piper Aircraft and designed for flight training, air taxi and personal use. The PA-28 family of aircraft comprises all-metal, unpressurized, single-engined, piston-powered airplanes with low-mounted wings and tricycle landing gear. They have a single door on the right side, which is entered by stepping on the wing.

The first PA-28 received its type certificate from the Federal Aviation Administration in 1960, and the series remains in production to this day. Current models are the **Warrior**, **Arrow**, and **Archer** TX and LX, and the **Pilot** 100 and i100.

Piper has created variations within the Cherokee family by installing engines ranging from 140 to 300 hp, offering turbocharging, retractable landing gear, constant-speed propellers, and stretching the fuselage to accommodate six people. The Piper PA-32 (initially known as "Cherokee Six") is a larger, six-seat variant of the PA-28. The PA-32R Saratoga variant was in production until 2009.

Airframe Time (AFTT) / Engine Time

ITEM	VALUE
Registration #	N8845J
Serial #	28-2803
Airframe Total Time (AFTT)	4400
AFTT Avg	5497.03
Since Major Overhaul (SMOH)	
SMOH Engine 1 - Lycoming O-360-A4A	1950.00
TBO Avg	1000.0

Performance & Specs

ITEM	VALUE
Configuration	Single Engine, Piston, Fixed Gear
Max Seats	4
Max Take-Off Weight	2450 lbs
Cruise	122 kts
Range	615 nm
Take-Off Run	720 ft
Landing Roll	635 ft
Wing Span	32 ft
Length	24 ft 8 in
Height	8 ft
Take-Off (50 ft)	1625 ft



VREF VALUATION

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Summary

ITEM	\$ RETAIL/FAIR MKT	\$ WHOLESALE
Basic Price	87,516.00	71,763.00
Adds/Deducts	3,985.00	3,267.70
Airframe	2,194.06	1,799.13
Engine	-19,475.00	-15,969.50
Condition	0.00	0.00
TOTAL	74,220.06	60,860.33

Base Price Includes

Dual digital Nav/Comm, 1-Axis Autopilot, ADF. 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
-	-	-
TOTAL		\$0.0

Avionics

ITEM	AGE	VALUE
G5 Heading Indicator (DG) & HSI w/Lightning Protection	5	1,605.00
G5 ATTITUDE INDICATOR w/Lightning Protection Module	5	1,412.50
PMA 6000B	5	497.50
GNC 300XL	10	470.00
TOTAL		\$3,985.00

Manual Adjustments

DESCRIPTION	VALUE
-	-
TOTAL	\$0.0

Floats

ITEM	AGE	VALUE
-	-	-
TOTAL		\$0.0

Retail Percent Change

ITEM	VALUE
Change Last Quarter	0.00%
Change Last 12 Months	0.00%
Change Since New	464.62%
Price When New	\$15,500.00

Condition & History

Paint	Interior Condition
-	-

Market Data & Recent ADs

There are 3,852 on the FAA Registry. A total of 7,422 were built.

YEAR	ITEM
1972-04-14	Main Landing Gear Torque Links
1972-07-07	Bolts in Stabilator Hinge Fittings
1972-08-15	Electric Trim Switch
1974-04-24	Rear Seat Belt Installation
1974-12-21	Incorrect Placard Detection
None	Nose Wheel Fork Assembly
1975-04-04	Fuel Drain Valves
1975-11-21	Loose Seats
1977-01-07	Fuel Quantity Gauge
1977-11-14	Rod End Bearings
1979-04-03	Batteries
1980-01-03	Oil and Fuel System Hoses
1986-08-21	Ammeter Replacement
None	Lower spar cap



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YEAR	ITEM
1998-12-14	Landing Light Support and Seal Assembly
1996-06-14	Flap Handle Attach Bolt
1999-03-19	Induction Air Filter
2018-04-20	Placard and Markings
2017-08-15	Engine Oil
2013-03-11	Stabilizer Control System
2010-08-31	Control wheel shafts
2006-07-11	ECi cylinder assemblies
2006-03-10	Vacuum pumps
2006-01-23	Electronic Flight Information System (EFIS)
2005-11-04	Bushing screw thread expanders
2005-02-23	Mode S transponders
2001-12-28	GNS 430 units
2000-05-01	Electric Inflatable Door Seals
1967-09-27	Main Landing Gear Torque Link
None	Open End Steel Tube Assemblies
1966-08-27	Propeller Spinner
1965-03-12	Fuel Quantity Gauge Sender Units
1964-04-06	Control Wheels
1962-08-28	Propeller Attach Bolts
1968-05-22	Fuel Selector Valve
1968-04-12	Fuel System Screens and Filters
1969-07-21	Control Wheel Retaining Pin
1979-07-30	Failure of Control Wheel
1972-05-19	Engine Exhaust Muffler
1970-09-07	Landing Gear Torque Link Bolts
1971-06-24	Stabilizer Balance Weight Tube
1971-07-09	Magnetos Grounding
1971-10-13	Binding of Fuel Selector Handle



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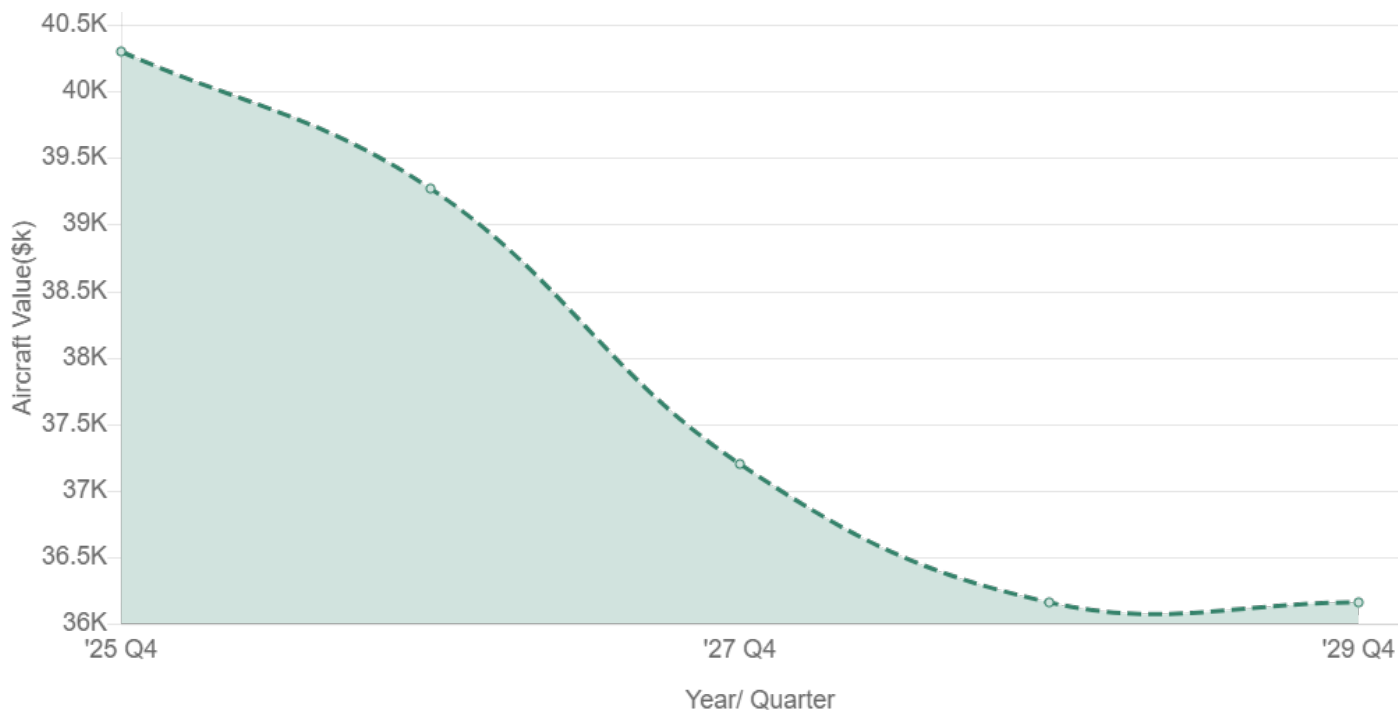
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Residual Value

YEAR	% NEW	RETAIL \$	WHOLESALE \$
2025	160%	\$40,300	\$33,046
2026	153%	\$39,266	\$32,198
2027	140%	\$37,200	\$30,504
2028	133%	\$36,166	\$29,656
2029	133%	\$36,166	\$29,656



Comments

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Important Note

Prices depicted in VREF are averages based on the marketplace from the previous quarter. These average prices may not represent a specific serial number. Each serial number is unique. Prices can vary widely due to time, condition maintenance history and equipment.