

**1970 Piper  
Cherokee  
Six C**







### The biggest Cherokee of them all!

The chief of the Cherokee line is the 1970 Cherokee SIX C. The C stands for comfort, capability and capacity . . . topped with a full head-dress of performance. Available in 260 or 300 ruggedized horsepower, a bright new 1970 exterior design, 7-place seating, and 1700 pound useful load, this luxurious Cherokee can fly *more* people and *more* luggage farther than many twins . . . but with single-engine economy.

From the moment you enter the wide cabin door, slip into the high-styled, deluxe bucket seats, you'll be amazed at the size of the sleek cabin interior. Beyond any doubt, this is the plane for *all reasons!* An outstanding example of truly elegant Piper craftsmanship.

The 1970 Cherokee SIX C is beautifully new, with superb styling . . . from prop spinner to tail cone . . . from wing tip to wing tip. Just about every combination of seating and carrying capacity you've ever dreamed of in an airplane. Wherever you want to fly, whatever you want to do, no matter what you want to take with you . . . discover the SIX C . . . It's an amazing aviation experience.

With a cruise of up to 168 mph . . . range up to 1170 miles . . . this is the airplane that's engineered to fit your most sophisticated flying requirements.













### Move-about room and comfort for the whole family

The 1970 Cherokee SIX C is the perfect family airplane that allows families to fly together relaxed and happy . . . in happy super comfort. For business use, its speed and versatility in transporting busy executives, salesmen, engineers and on-the-spot troubleshooters add up to a degree of usefulness never before available anywhere near the same price range.

For all-weather comfort, there's a cabin heater with 8 warm air outlets, including 2 defrosters, and 10 silent fresh air vents—four near the floor and six overhead, in combination vent/reading light units. Swingaway visors that can shade the front and side windows are new . . . and standard.

Wide, deeply padded bucket seats are individually spaced to provide an abundance of leg room . . . shoulder room . . . stretch-out room . . . lean back and relax room, for children and grownups alike. It's the only single-engine airplane with a wide center aisle for move-about freedom. Plenty of room for luggage, too, in rear *and* nose luggage compartments. A handsome set of matched luggage lets you take full advantage of the nose luggage area.

Standard six-place seating includes two individually adjustable seats up front with two middle and two rear seats at normal height from the floor. (Front seats that are six-way adjustable . . . up, down, fore, aft and tiltable . . . to insure "just-right" comfort for persons of every size . . . are also available. If desired, optional 3-across center seating is also offered, permitting seven people to travel in comfort without losing one inch of luggage space.)

Six people can travel in comfort *plus* 150 pounds of luggage *plus* full main fuel tanks, *plus* full auxiliary tanks, *with* weight allowance left over. Four people can travel with complete luxury with full fuel and oil and over 500 pounds of luggage . . . or cargo. This is why we say that the 1970 Cherokee SIX C is so roomy, it comes with a flexible floor plan to fit any flight plan.





### Cherokee Six C for 1970... people, places and things!

The Cherokee SIX C was designed with *people* in mind. To help people do more things...better. Whether it's golf or skiing... business or pleasure... the SIX C takes care of itself, its cargo and its people. On weekdays you can fly the whole department to a job, or rush a shipment of goods to a customer. Weekends are great, too, for a quick vacation in the sun, sand or surf.

For sheer luxury, performance and cabin comfort, the Cherokee SIX C takes a back seat to no single-engine airplane...and many agree that this Cherokee's back seats are the "best seats in the house". For all-around utility, no other aircraft in its class provides the quick-change versatility of the Cherokee SIX C. Seats remove in seconds with no tools required.

A wide utility door which provides a loading entrance nearly 5 feet wide is available. The SIX C is FAA-approved for flight with the rear passenger and utility doors removed...great for aerial photography, dropping supplies, parachuting.

Because of its large useful load, spacious room and easy loading, the SIX C has practically unlimited uses. The same economy which makes it so attractive for private or business owners, makes this airplane ideal for air taxi/charter operators and commuter airlines, too. It's also certified on floats, and on skis with retractable wheels.

It's the first and only plane in its class with *truly comfortable* 7-place capability, and at little more than 4-place cost. That's why we say that the Cherokee SIX C is the most versatile, most useful family/utility plane on the market.









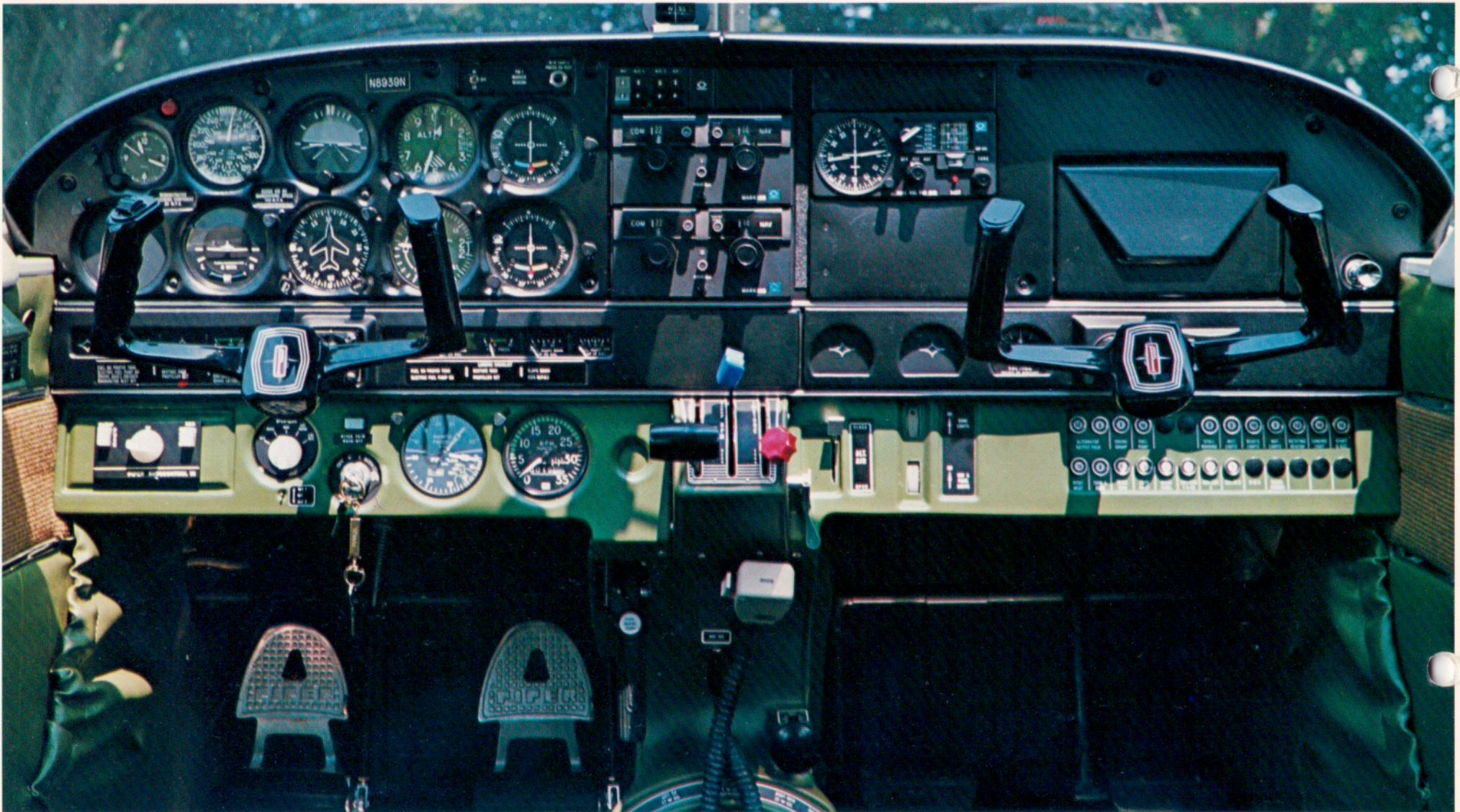
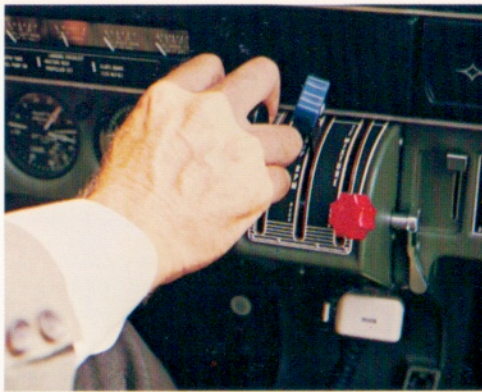


### Cherokee—easy to fly, too!

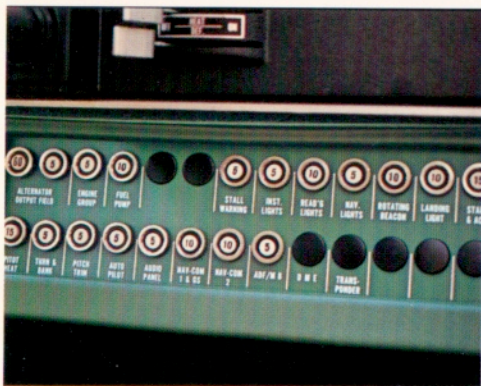
For all its power and performance, the 1970 Cherokee SIX C, like all other Cherokees, is a joy to fly. Modern low wing design assures the very nicest, easiest handling, outstanding stability, and excellent visibility both in taxiing and in flight.

Taxiing and take-offs are effortless, thanks to the wide-track, tricycle landing gear and steerable nose wheel. All wheels are full size with air-oil, no-rebound oleo shock struts. Cherokee landings are feather-light, thanks to the low wing design which builds up a cushion of air as it nears the runway. Even pilots with limited experience look like seasoned veterans in the Cherokee SIX C. With its speed, bright new 1970 paint designs available in the widest choice of deluxe Palm Beach, 3-tone color combinations, its handsome new interiors, its new panel features, and its amazing room and load carrying capability, here's an airplane that's unsurpassed in the aviation world... a reasonably priced, honest-to-goodness 6/7 passenger airplane with real cross-country range and *no compromise* in comfort and luggage space. The Cherokee SIX C truly sets the pace of the '70's... in style and in value.







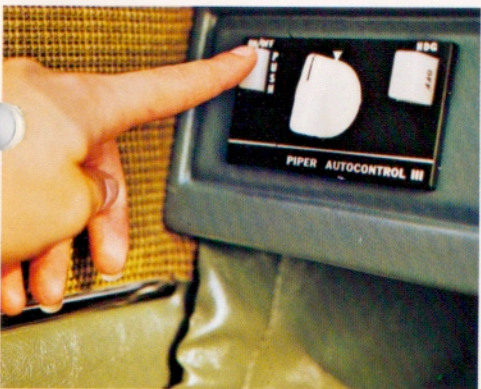


### A panel with "esp"...efficiency, spaciousness and professionalism!

The instrument panel for the 1970 Cherokee SIX C is a study in beauty, function and professional engineering design. The low profile design improves forward visibility, yet easily accommodates a complete range of instruments, navigation and communications equipment. It's a pilot's delight.

Orderly provision is made for all the instruments, radios and other navigational aids available to the most sophisticated pilot, no matter what his flying requirements. Flight instruments, to the left, are in basic "T" configuration for easy viewing. Center radio panel allows for double stacks of radios—dual nav/comm's, ADF, DME, transponder, marker beacon and radio selector panel.

Add to this a choice of three solid state autopilots...*Piper AutoFlite*, with its own miniaturized gyro reference, keeps wings level. Its unique zero threshold, which precludes any error or "wandering" in the system, flies the airplane straight on course with remarkable accuracy. The optional Piper AutoNav tracker provides automatic radio navigation to or from Omni stations. Or choose *Piper AutoControl III*, the more sophisticated two-control automatic flight system with positive heading lock and course selector, available with automatic VOR/ILS radio coupling. For the ultimate in automatic flight convenience, there's *Piper AltiMatic III*, full three-control system with course pre-select and positive heading lock; altitude pre-select and altitude hold, including automatic pitch trim. With the AltiMatic off, pitch trim operates as manual electric trim. An independent pilot-operated backup system holds the airplane level and permits turns. The AltiMatic is also available with automatic VOR/ILS radio coupling. With two radios and radio coupling, you can now select



either Omni for navigation, with the new radio selector switch.

The center-mounted, style-setting SportsPower Console groups power controls in multi-engine style quadrant, for smoother, more natural control of the powerplant. Engine instruments are compactly mounted directly in front of the pilot, with color-keyed rocker switch panel located to the left of the panel, beneath the window, controlling master switch, fuel pump, rotating beacon, landing lights and heated pitot. Resettable circuit breakers are located to the right, in plain sight, below the man-sized open-yoke control wheel.

The new aileron/stabilator control lock, a standard bonus feature to guard against wind damage during tie-down, incorporates a safety plate to prevent starting the airplane while the lock is in place. The combination mag and keyed starter switch is directly in front of the pilot. Panel lighting is provided by blue-white post lights and two red overhead spotlights.

The high capacity standard dual braking system includes left side toe brakes and center mounted handbrake, which also acts as parking brake. Right side toe brakes are optional. The stabilator trim wheel is conveniently located between the two front seats, and Piper Electric Trim (PET) on the control wheel is a popular option. Rudder trim reduces pilot fatigue on long cross-country flights.

SIX C features you'll appreciate include positioning of the microphone at the base of the center console making it easily accessible to both front seat occupants; six seat and side pockets plus a glove compartment with easy-touch "roll-away" door for convenient storage of maps and other items, plus a large hatshelf at the rear of the cabin.





## Your choice of ruggedized power

You have your choice of a 260 or 300 hp Lycoming engine when you choose the Cherokee SIX C.

The 260 horsepower Lycoming O-540E engine ... with standard fixed pitch or optional constant speed propeller ... is world famous for its untiring get-up-and-go. At full gross load, you take off in 810 feet with fixed pitch propeller ... just 740 feet with constant speed. Rate of climb is in the 750-850 feet per minute range, and cruising speed is 160 mph.

For Cherokee SIX C owners looking for even higher performance, 300 horsepower is also offered with constant speed propeller standard. Designated the IO-540K, this Lycoming powerplant derives increased horsepower from a tuned induction system, angled valve heads, and Bendix fuel injection for most efficient fuel distribution. And look at the performance that results. At 3400 pound gross your top speed is 174 mph, cruise 168. You're airborne in 700 feet and climbing 1050 feet per minute. Service ceiling is over 16,000 feet.

Both of these six cylinder, dual ignition engines are ruggedized—cylinder barrels and other critical parts are nitrided for maximum wear resistance. Time between overhaul has been increased to 1800 hours ... this means over a quarter-of-a-million miles of care-free flying before engine overhaul. Dynafocal engine mounts with internal dampers, especially developed for the Piper Cherokee line, contribute to smooth, quiet flight. This is the 1970 Cherokee SIX C power story ... your assurance of overall operating economy.

# 1970 Piper Cherokee Six C

## STANDARD EQUIPMENT

### INSTRUMENTS

Airspeed indicator	Compass
Altimeter	Oil pressure gauge
Ammeter	Oil temperature gauge
Fuel pressure gauge	
Fuel quantity gauge for each tank (4)	
Recording tachometer	
Stall warning indicator	
Manifold pressure/fuel flow indicator**	

### POWER PLANT AND ACCESSORIES

#### Choice of engines:

Lycoming O-540E, 260 hp, 6 cylinder, dual ignition, or  
Lycoming IO-540K with Bendix fuel injection; 300 hp,  
6 cylinder, dual ignition

Dynafocal engine mounts with internal dampers

Fixed pitch metal propeller\*

Constant speed metal propeller\*\*

Propeller spinner

Propeller governor pad

Electric geared starter

Engine machined for vacuum pump (no drive installed)

Muffler and single exhaust system

Oil cooler\*

2 oil coolers\*\*

Oil quick drain

Dry-type air filter

Carburetor heat control\*

Alternate air source (automatic with manual override)\*\*

### ELECTRICAL SYSTEM

12 volt, 25 amp hour battery

Battery charging diode

60 amp alternator

Transistorized voltage regulator with overvoltage relay

Partial wiring system

Rocker switches

Resettable circuit breakers

### FUEL SYSTEM

4 structurally integrated fuel tanks, 84 gal. capacity  
(83.3 gal. usable)

Engine driven fuel pump

High capacity electric fuel pump

Engine primer\*

Individual fuel tank quick-drains

System central drain in cabin

Fuel checker



SAMPLE TRIM & ACCENT COLORS



## CABIN CONTROLS AND FEATURES

Open yoke control wheels  
Control Pedestal  
Throttle  
Mixture  
Propeller\*\*  
Rudder trim control w/indicator  
Stabilator trim control w/indicator  
Stabilator/aileron control lock  
Wing flap control  
Dual brakes: toe brakes left side & center mounted  
hand brake  
Parking brake  
Direct nosewheel steering  
6 individual seats; center and rear seats easily & quickly  
removable; front seats adjustable  
6 arm rests with ash trays  
4 pockets on backs of front & center seats  
2 map pockets  
All seats & side paneling of expanded "Encore"  
Nauahyde & luxurious fabrics  
2 swingaway sun visors  
Rollaway door glove compartment  
Rear luggage compartment and hatshelf (22 cu. ft.)  
Main luggage compartment (8 cu. ft.) with outside door  
4 pieces of matched luggage to fit nose  
compartment  
10 silent fresh air outlets (6 overhead, 4 on floor)  
Cabin heater with 8 warm air outlets including 2 defrosters  
2 cabin air exhaust vents  
Door and ignition locks with keys  
Flush-mounted push button luggage lock with key

## AIRCRAFT FEATURES

Palm Beach exterior  
Large 6.00 x 6 tires with tubes on all 3 wheels; 2 main  
tires 6-ply rating; nosewheel tire 4-ply rating  
Landing gear fairings  
High capacity disc brakes, dual spot  
Wing flaps, 4 position (0°—10°—25°—40°)  
External tie-downs  
Wing jack points  
Tow bar

\*CHEROKEE SIX C 260 only  
\*\*CHEROKEE SIX C 300 only

See Cherokee SIX C Price and Equipment sheet for listing  
of factory-installed Operational and Electronic Groups and  
optional equipment.



Worldwide excellence in customer service  
—available to Piper owners the world over,  
wherever this sign is displayed. Factory-  
trained mechanics and complete stocks  
of parts insure expert, reliable service.

Piper Aircraft Corporation reserves the right to make  
changes in specifications, materials, equipment or prices  
at any time without prior notice or to discontinue models  
as required.

## PERFORMANCE:

	CHEROKEE SIX C—260		CHEROKEE SIX C—300
	Fixed Pitch Prop	Const. Speed Prop	Const. Speed Prop
Top speed (mph)	168 (270 kmh)	166 (267 kmh)	174 (279 kmh)
Optimum cruising speed 75% power, optimum altitude (mph)	160 (258 kmh)	160 (258 kmh)	168 (270 kmh)
Stalling speed, full flaps 40° (mph)	63 (101 kmh)	63 (101 kmh)	63 (101 kmh)
Take-off run, (minimum ft.)	810 (247 m)	740 (226 m)	700 (213 m)
Take-off over 50 ft. barrier (minimum ft.)	1360 (414 m)	1240 (378 m)	1140 (348 m)
Landing roll, flaps down, (ft.)	630 (192 m)	630 (192 m)	630 (192 m)
Landing distance over 50 ft. barrier (ft.)	1000 (305 m)	1000 (305 m)	1000 (305 m)
Best rate of climb speed (mph)	105 (169 kmh)	105 (169 kmh)	105 (169 kmh)
Rate of climb (ft. per min.)	760 (232m/min)	850 (259m/min)	1050 (320m/min)
Service ceiling (ft.)	13,000 (3960 m)	14,500 (4420 m)	16,250 (4950 m)
Absolute ceiling (ft.)	15,000 (4570 m)	16,500 (5030 m)	18,000 (5480 m)
Fuel consumption, 75% power (gals. per hr.)	14 (53 L/hr)	14 (53 L/hr)	16 (61 L/hr)
Cruising range, 75% power, optimum altitude, (miles)	570 (917 km) 960* (1545 km*)	570 (917 km) 960* (1545 km*)	525 (845 km) 880* (1416 km*)
Cruising range, 55% power, optimum altitude, (miles)	700 (1126 km) 1170* (1782 km*)	700 (1126 km) 1170* (1782 km*)	630 (1014 km) 1060* (1706 km*)

\*with built-in reserve fuel

Note: Performance figures are based on tests run on an airplane at gross weight equipped for cross-country transportation under standard conditions as defined by FAA. Cruising and top speeds shown are for an airplane equipped with wheel speed fairings. Without fairings, reduce speeds 3 mph.

## SPECIFICATIONS:

	CHEROKEE SIX C—260		CHEROKEE SIX C—300
	Fixed Pitch Prop	Const. Speed Prop	Const. Speed Prop
Engine (Lycoming)	0-540E	0-540E	10-540K
HP & RPM	260 at 2700	260 at 2700	300 at 2700
Gross weight (lbs.)	3400 (1540 kg)	3400 (1540 kg)	3400 (1540 kg)
Empty weight (lbs.)	1688 (766 kg)	1713 (777 kg)	1789 (813 kg)
Useful load (lbs.)	1712 (774 kg)	1687 (763 kg)	1611 (727 kg)
Useful load with pilot seat only (lbs.)	1782 (810 kg)	1757 (798 kg)	1681 (764 kg)
Wing span (ft.)	32.8 (10 m)	32.8 (10 m)	32.8 (10 m)
Wing area (sq. ft.)	174.5 (16.2 m <sup>2</sup> )	174.5 (16.2 m <sup>2</sup> )	174.5 (16.2 m <sup>2</sup> )
Length (ft.)	27.7 (8.44 m)	27.7 (8.44 m)	27.7 (8.44 m)
Height (ft.)	7.9 (2.41 m)	7.9 (2.41 m)	7.9 (2.41 m)
Propeller diam. (max. in.)	82 (2 m)	82 (2 m)	80 (1.9 m)
Power loading (lbs. per hp)	13.1 (5.9 kg/hp)	13.1 (5.9 kg/hp)	11.3 (5.1 kg/hp)
Wing loading (lbs./sq. ft.)	19.5 (95 kg/m <sup>2</sup> )	19.5 (95 kg/m <sup>2</sup> )	19.5 (95 kg/m <sup>2</sup> )
Luggage capacity (lbs.)	200 (91 kg)	200 (91 kg)	200 (91 kg)
Luggage space (cu. ft.)	8 (.23 m <sup>3</sup> ) 20 (.57 m <sup>3</sup> ) 28 (.8 m <sup>3</sup> )	8 (.23 m <sup>3</sup> ) 20 (.57 m <sup>3</sup> ) 28 (.8 m <sup>3</sup> )	8 (.23 m <sup>3</sup> ) 20 (.57 m <sup>3</sup> ) 28 (.8 m <sup>3</sup> )
Fuel capacity, std. (gals.)	50 (189 L)	50 (189 L)	50 (189 L)
With built-in auxiliaries (gals.)	84 (318 L)	84 (318 L)	84 (318 L)
Wheel base (ft.)	7.8 (2.38 m)	7.8 (2.38 m)	7.8 (2.38 m)
Wheel tread (ft.)	10.6 (3.23 m)	10.6 (3.23 m)	10.6 (3.23 m)

## CHEROKEE SIX C as Seaplane and Ski-plane

	SIX C 300 SEAPLANE	SIX C 260 SKI-PLANE	SIX C 300 SKI-PLANE
Gross weight (lbs.)	3400 (1540 kg)	3200 (1450 kg)	3400 (1540 kg)
Useful load (lbs.)	1260 (568 kg)	1270 (573 kg)	1412 (637 kg)
Propeller diameter (inches)	84 (2.1 m)	80 (1.9 m)	82 (2 m)
Top speed (mph)	153 (246 kmh)	142 (228 kmh)	147 (237 kmh)
Optimum cruise speed (mph)	147 (237 kmh)	134 (216 kmh)	138 (222 kmh)
Stalling speed (mph)	66 (106 kmh)	65 (105 kmh)	67 (108 kmh)
Rate of climb (fpm)	750 (229 m/m)	730 (232 m/m)	865 (264 m/m)
Service ceiling (ft.)	12,100 (3690 m)	12,000 (3660 m)	13,000 (3960 m)
Absolute ceiling (ft.)	14,000 (4270 m)	14,000 (4270 m)	14,700 (4480 m)
Water take-off run (ft.)	1430 (436 m)		

## YOUR CHOICE OF STUNNING PALM BEACH EXTERIORS

In the Cherokee SIX C you have your choice  
of the 20 colors shown here, combined as  
trim or accent color on the Juneau White base.



## THESE ARE SOME SUGGESTED COMBINATIONS:

<b>TRIM / ACCENT</b>	<b>TRIM / ACCENT</b>
Ocala Orange/Beaumont Blue	Mocha Tan/Madrid Red
Ocala Orange/Denver Brown	Lakeland Blue/Newport Blue
Las Vegas Gold/Beaumont Blue*	Beaumont Blue/Dakota Black*
Madrid Red/Lincoln Gray*	Nassau Turquoise/Bimini Turquoise*
Las Vegas Gold/Madrid Red*	Nassau Turquoise/Dakota Black
Pontiac Red/Dakota Black*	Nassau Turquoise/Pontiac Red
Pontiac Red/Newport Blue *	Nassau Turquoise/Lincoln Gray
Pontiac Red/Lincoln Gray*	Orlando Green/Tampa Green
Las Vegas Gold/Dakota Black*	Monterrey Maroon/Dakota Black*
Las Vegas Gold/Newport Blue*	Bahama Blue/Dakota Black
Las Vegas Gold/Pontiac Red*	Bahama Blue/Las Vegas Gold*
Las Vegas Gold/Bimini Turquoise*	Dallas Yellow/Bahama Blue
Las Vegas Gold/Denver Brown*	Monterrey Maroon/Las Vegas Gold*
Ocala Orange/Dakota Black	Lakeland Blue/Dakota Black
Ocala Orange/Newport Blue	Madrid Red/Dakota Black*
Dallas Yellow/Dakota Black	Las Vegas Gold/Orlando Green*
Polar Gray/Dakota Black	Polar Gray/Madrid Red
Polar Gray/Beaumont Blue	Polar Gray/Lincoln Gray
Polar Gray/Pontiac Red	Avocado Green/Las Vegas Gold
Mocha Tan/Denver Brown	Avocado Green/Pontiac Red
	Avocado Green/Dakota Black

\*Trim and accent colors may be reversed.  
Other combinations may be specified.

To match or harmonize with your exterior color  
scheme, you have a choice of six striking in-  
teriors—Regal Red, Imperial Gold, Sapphire  
Blue, Platinum White, Midnight Black and the  
new Olive Gold.



### 1970 PIPER CHEROKEE SIX C

The biggest Cherokee of them all! The most versatile, most useful family/utility airplane on the market. Available in 260 or 300 ruggedized horsepower, a bright new 1970 exterior design, 7-place seating, and 1700 pound useful load, this luxurious Cherokee can fly *more* people and *more* luggage...or cargo...farther than many twins...but with single-engine economy. An outstanding example of the modern world of Piper craftsmanship.

WITH

**PIPER**

YOU'VE ARRIVED

PIPER AIRCRAFT CORPORATION

Lock Haven, Pa. 17745

