

**280FX
F28F**



ENSTROM
HELICOPTER CORPORATION





ENSTROM
HELICOPTER CORPORATION

NEVER COMPROMISE

Performance, Safety, Value, Comfort. Piston helicopters have always been a compromise, right? Not anymore! Enstrom Helicopter Corporation is proud to present the F28F and 280FX, two helicopters that prove it is possible to have it all.

For over 40 years Enstrom has set the standard for light helicopter design. The 280FX is one of the faster piston helicopters in the world; while the F28F has the largest cabin in its class. A constantly expanding list of options means both can be configured to perform well in almost any application. From law enforcement work to cargo hauling; patrol flights to training; personal flying to corporate transport the Enstrom piston is the aircraft of choice. In service in over 40 countries around the globe, Enstrom helicopters can meet the demands of any job, and any environment.

With most helicopters there would be a tradeoff for all that performance and flexibility, but not so with Enstrom. Features like energy absorbing landing gear and a crushable keel make the F28F and the 280FX two of the safest helicopters ever produced. Their fully articulated rotor head has flown 4,000,000 flight hours (and counting) without a catastrophic failure. Enstrom's high inertia rotor system makes response time less critical for easy autorotations. With only 9 life limited parts on the entire helicopter, Enstroms will be racking up flight time while the others are still in the shop. It's that kind of durability that keeps operating costs down; and resale values up.

Enstrom offers more available configurations than any other manufacturer, meaning you never have to worry about sacrificing quality, or style. Numerous interior choices, custom paint schemes, and a host of available options and avionics means that each Enstrom will be as unique as the owner.

Performance, safety, value, and comfort...with Enstrom, there simply is no need to compromise.



"The reliability of ENSTROM's unique rotor head is legendary."

- AOPA Pilot Magazine





TWO HELICOPTERS

unlimited possibilities



THE 280FX

A sleek, modern helicopter designed for the private pilot who wants to go fast, and look good doing it. Efficient, capable, and an absolute pleasure to fly, this helicopter is the ultimate in personal transportation.

"It's always fun to fly a machine that exceeds your expectations...I discovered the 280FX is much more capable than I would have guessed."

- Rotor & Wing Magazine

THE F28F

A rugged workhorse; ideal for chasing down bad guys, lifting equipment, training, or surveying. This helicopter works overtime without breaking the budget.

"You feel you're strapped to something substantial...that high inertia rotor system really makes shooting autos a delight."

- Vertical Magazine





ENSTROM
HELICOPTER CORPORATION

THE BEST SEAT IN THE HOUSE

With an Enstrom it is possible to combine class leading performance with great looks and exceptional comfort. The spacious cabins of the F28F and 280FX provide the flexibility to carry an extra passenger, extra gear, or those essential tools necessary to get the job done.

The wide open seating area, without any columns, posts, or partitions eases movement and does not restrict visibility. Adjustable pedals, along with a generous amount of leg and headroom, mean that Enstroms fit the pilot; not the other way around. The extra large cabin, NASA inspired foam seating, abundance of windows, and low noise levels ensure that passengers will be comfortable as well.



F28F with a Field Installation FLIR Installed



Custom Leather and Avionics in a 280FX

Not only are Enstroms nice to sit in they are comfortable to fly. Direct, non-boosted controls provide a solid yet responsive feel. Enstrom's legendary smooth and stable ride, along with standard electric trim, means that pilots can fly all day without getting tired. Removable controls, standard inertia reel harnesses, and features like removable doors make the F28F and 280FX practical and enjoyable places to perform any mission; in any environment.

Every Enstrom can be built with a wide range of custom options; from wild paint schemes and logo'd interiors to mission specific avionics, external lights, cameras, or whatever else the job might call for.





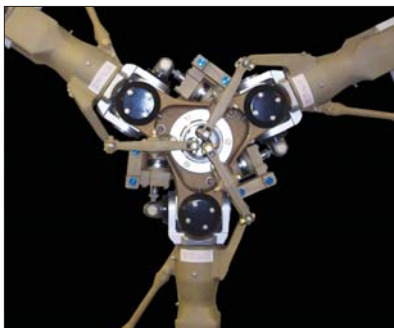
DESIGNED TO PERFORM



- The Lycoming HIO-360-F1AD 4 cylinder, fuel injected, turbocharged piston engine provides an extremely lightweight and reliable 225 continuous horsepower.
- Small displacement coupled with a turbocharger saves weight while providing plenty of power; increasing baggage space and useful load.
- The turbocharger maintains full horse power from sea level to 12,000 feet. Hot/high operations at gross weight are not a problem.



- Unlimited airframe life. Only 9 life-limited parts on the entire helicopter.
- Low part prices and excellent availability.
- Transmission overhauls available on an exchange basis for fixed, reasonable prices.
- Easy maintenance accessibility.
- Extensive international network of service centers and dealers with unparalleled factory support.



- Time proven; fully articulated main rotor system. Over four million flight hours without a catastrophic failure.
- Low disc loading and high rotor inertia yield outstanding autorotational capability.
- An unblocked, high thrust, tail rotor system provides excellent directional control with no Loss of Tailrotor Effectiveness (LTE)
- Uses many of the same components as the bigger, heavier Turbine model.

280FX and F28F

Direct Operating Costs

in US dollars

Fuel and Lubricants

Max. Cruise Consump. (16.0 GPH)	
Fuel Cost @ \$ 4.00/Gal.	
Lubricants @ 1/4 qt/hr (\$ 2.40)	\$ 61.40

Maint. Labor

.4 Hours/Flight Hour	
Cost @ \$ 65/Hour	\$ 26.00

Airframe Parts/Overhauls

Component Overhaul	\$ 19.65
Reserve for Spare Parts	\$ 10.28
Retirement Items	\$ 10.60

Reserve for Engine Overhaul	\$ 19.53
-----------------------------	----------

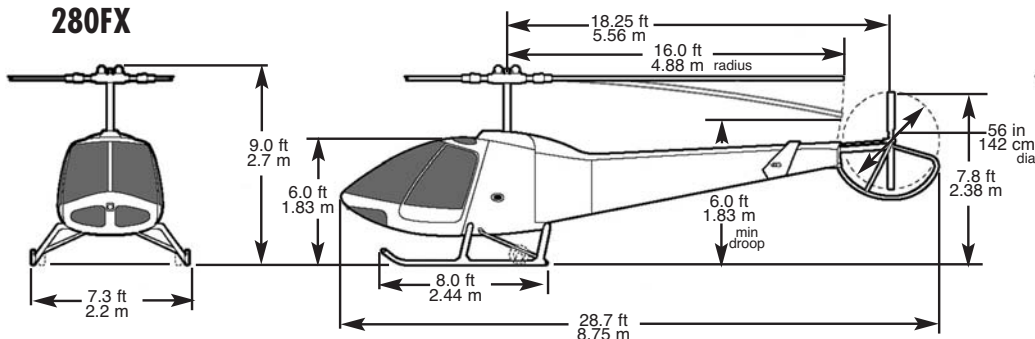
Total D.O.C.	\$ 147.46
--------------	-----------



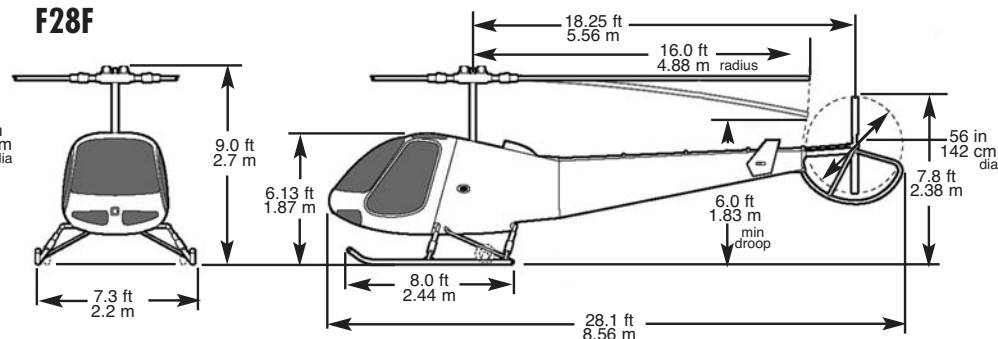


SPECIFICATIONS AND PERFORMANCE DATA

280FX



F28F



WEIGHTS

GROSS WEIGHT	2,600 lbs	1,179 kg
EMPTY WEIGHT (Typ.)	1,670 lbs	758 kg
USEFUL LOAD	930 lbs	421 kg

FUEL (two interconnected tanks)	40 U.S. gals	151 lit
---------------------------------	--------------	---------

POWER PLANT	Turbocharged Lycoming HIO-360	
Power Available	225 shp	167 kw

PERFORMANCE (standard day)		
Mission Weights	2,350 lbs	2,600 lbs

Maximum Cruise Speed (IAS @ 3,000 ft.)	Up to 117 mph	85 mph
--	---------------	--------

Service Ceiling	12,000 ft	9,000 ft
-----------------	-----------	----------

Maximum Rate of Climb @ S/L	1,450 fpm	1,150 fpm
-----------------------------	-----------	-----------

Hover Ceilings		
In Ground Effect (IGE)	13,200 ft	7,700 ft
Out of Ground Effect (OGE)	8,700 ft	

Range and Endurance (no reserve, @ 3,000 ft)		
Maximum Range	300 st mi	
Maximum Endurance	3.5 hrs	

SEATING CONFIGURATIONS	2-3 places	
------------------------	------------	--

WEIGHTS

GROSS WEIGHT	2,600 lbs	1,179 kg
EMPTY WEIGHT (Typ.)	1,640 lbs	774 kg
USEFUL LOAD	960 lbs	435 kg

FUEL (two interconnected tanks)	40 U.S. gals	151 lit
---------------------------------	--------------	---------

POWER PLANT	Turbocharged Lycoming HIO-360	
Power Available	225 shp	167 kw

PERFORMANCE (standard day)		
Mission Weights	2,350 lbs	2,600 lbs

Maximum Cruise Speed (IAS @ 3,000 ft.)	Up to 112 mph	85 mph
--	---------------	--------

Service Ceiling	12,000 ft	9,000 ft
-----------------	-----------	----------

Maximum Rate of Climb @ S/L	1,450 fpm	1,150 fpm
-----------------------------	-----------	-----------

Hover Ceilings		
In Ground Effect (IGE)	13,200 ft	7,700 ft
Out of Ground Effect (OGE)	8,700 ft	

Range and Endurance (no reserve, @ 3,000 ft)		
Maximum Range	277 st mi	
Maximum Endurance	3.5 hrs	

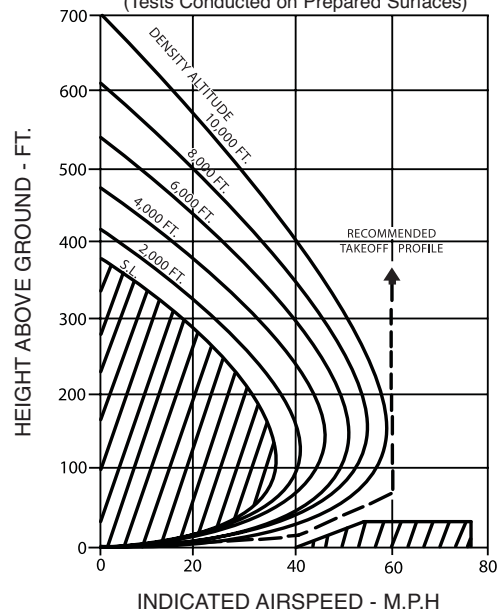
SEATING CONFIGURATIONS	2-3 places	
------------------------	------------	--



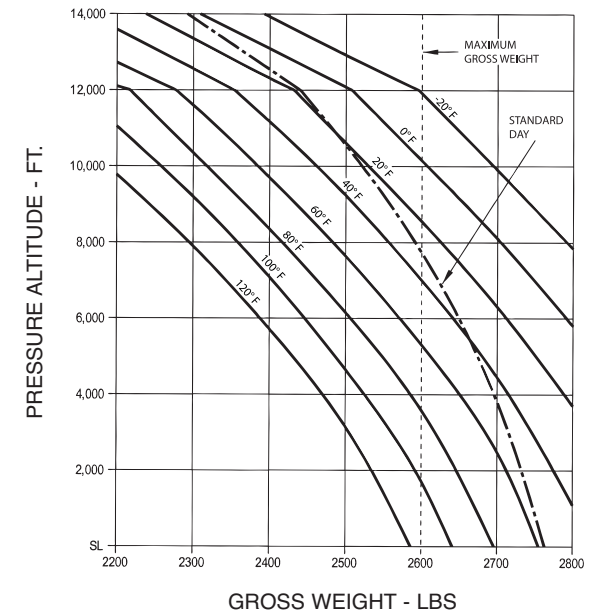


HEIGHT/VELOCITY CHART

(Tests Conducted on Prepared Surfaces)



HIGE



**280FX
F28F**

ENSTROM
HELICOPTER CORPORATION



2209 22nd Street • Twin County Airport • Menominee, MI 49858 U.S.A.
Telephone (906) 863-1200 • Fax (906) 863-6821
www.enstromhelicopter.com • sales@enstromhelicopter.com