F28F/280FX Direct Operating Costs

FUEL AND LUBRICANTS — COST/HOUR

Fuel and oil consumption is estimated at 75% cruise power utilization and based on average prices.

Fuel	16.0 gal/hr at $5.85	$93.60	
Oil	¼ qt/hr at $5.31/qt	$1.33	**$94.93**

SCHEDULED AND UNSCHEDULED MAINTENANCE LABOR

Inspections include 50 and 100 hours and a reserve for unscheduled maintenance.
(Calculations based on a $100/hr labor rate @ .58 per flight hour) **$40.00**

RESERVE FOR MAIN ROTOR GEARBOX OVERHAUL

Based on main rotor gearbox overhaul price of $18,500 @ 1,200 hrs
Fixed overhaul price; includes $1,200 labor **$16.42**

RESERVE FOR OVERRUNNING CLUTCH OVERHAUL/EXCHANGE

Based on overrunning clutch price of $7,650 @ 2,400 hrs
Includes $400 labor **$3.35**

RESERVE FOR TAIL ROTOR GEARBOX OVERHAUL

Based on tail rotor gearbox overhaul price of $5,800 at 1,200 hours
Fixed overhaul price; includes $400 labor **$5.16**

RESERVE FOR ENGINE OVERHAUL

Based on engine overhaul price of $32,000 at 1,500 hours
Includes $6,000 labor **$25.33**

RESERVE FOR AIRCRAFT SPARE PARTS

Scheduled and unscheduled parts consumption using average experience **$12.59**

RESERVE FOR RETIREMENT ITEMS

Item	Part #	Hours	Unit Cost	Total	Cost/Hour
Lamiflex Bearings	28-14320-15	*5 year	1,700.00	5,100.00	$4.25
Drive Belt Idler Bearings (2)	ECD018-11	600	94.22	188.44	0.31
Flex Plate Elements (2)	28-01041-3	1,200	144.42	288.84	0.24
Tail Rotor Blades (2)	28-150002-1	3,100	3,800.00	7,600.00	2.45
Tail Rotor Spindle	28-150074-13	1,200	1,850.00	1,850.00	1.54
Turbocharger	3BT5EE10J2	1,500	3,950.00	3,950.00	2.63

Estimated total hourly retirement cost **$11.42**

*Lamiflex life is 5 years; 1,200 hours used for this calculation

TOTAL DIRECT OPERATING COST PER HOUR $209.20

Note: All hours and labor rates are based on field averages performed by experienced mechanics. Maintenance hours and costs to perform above-noted tasks will vary due to operating conditions and the general care given the helicopter as well as the shop rate charged by the individual repair station. Preventive maintenance is the cheapest maintenance. Aircraft that are infrequently used will probably experience higher hourly operating costs.