



HELILYNX
HELICOPTERS

350FX1 SUMMARY

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- MODIFICATION ELIGIBLE FOR EUROCOPTER AS350BA
- HONEYWELL LTS101 600A3-A POWERPLANT
- INCREASE IN INTERNAL GROSS WEIGHT FROM 4600 LBS TO 4960 LBS
- INCREASE IN EXTERNAL GROSS WEIGHT FROM 4960 LBS TO 5200 LBS
- IMPROVED HIGE AND HOGE CHARTS VERSUS TURBOMECA POWERED AS350BA

THE 350FX STC PROGRAM INCLUDES OUR 350FX1 DESIGNATION FEATURING...

- PROVEN AND RELIABLE GENERATIONFX VFR ELECTRICAL SYSTEM
- GREATLY IMPROVED HONEYWELL LTS101 SERIES POWERPLANTS
- IMPROVED 350FX STC HIGE AND HOGE FLIGHT PERFORMANCE CHARTS
- CONSISTENT COMPONENTS AND STRUCTURAL PARTS ACROSS ALL 350FX AND 355FX STC'S
- ENHANCED FLIGHT PERFORMANCE AT HIGH ALTITUDE IN HEAVY WEIGHT/LOW SPEED CONDITIONS
- TAKE ADVANTAGE OF THE UPGRADED POWERPLANTS PROVIDING ADDITIONAL OPERATIONAL MARGINS
- EASY ACCESSIBILITY FOR MAINTENANCE AND OPERATIONAL SYSTEMS INTEGRATIONS
- NEW COST EFFECTIVE ELECTROLUMINESCENT INSTRUMENT PANEL LIGHTING
- NEW COST EFFECTIVE DIGITAL ENGINE AND VEHICLE INSTRUMENTATION
- REDUCE AIRCRAFT EQUIPPED EMPTY WEIGHT

350FX1 STC COMPARISON...

	HELI-LYNX 350FX1	EUROCOPTER AS350BA
POWERPLANT INSTALLATION	HONEYWELL LTS101 600A3-A	TURBOMECA ARRIEL 1B
POWERPLANT SHP RATINGS	625 SHP MAX CONT / 650 SHP	590 SHP MAX CONT / 641 SHP
TRANSMISSION HP RATING	590 HP	532 HP
INTERNAL GROSS WEIGHT	4960 LBS	4630 LBS
EXTERNAL GROSS WEIGHT	5200 LBS	4960 LBS
EQUIPPED EMPTY WEIGHT	2750 LBS	2800 LBS
USEFUL LOAD, INTERNAL	2210 LBS	1830 LBS
PERFORMANCE 1000FT, 20C	4960 LBS HIGE / 5200 LBS HOGE	4630 LBS HIGE / 4960 LBS HOGE
PERFORMANCE 3000FT, 20C	4960 LBS HIGE / 5150 LBS HOGE	4630 LBS HIGE / 4960 LBS HOGE
PERFORMANCE 5000FT, 20C	4960 LBS HIGE / 4800 LBS HOGE	4360 LBS HIGE / 4425 LBS HOGE
PERFORMANCE 7000FT, 20C	4850 LBS HIGE / 4475 LBS HOGE	4400 LBS HIGE / 4075 LBS HOGE
PERFORMANCE 9000FT, 20C	4550 LBS HIGE / 4200 LBS HOGE	4050 LBS HIGE / 3750 LBS HOGE
MAX CEILING AT 4960 LBS, 20C	6500 FT HIGE / 4000 FT HOGE	*NOT APP HIGE / 2000 FT HOGE
MAX CEILING AT 4960 LBS, 30C	3900 FT HIGE / 1500 FT HOGE	*NOT APP HIGE / 250 FT HOGE
FUEL CONSUMPTION, MCP	US GALLONS 38 / HR	US GALLONS 45 / HR
POWERPLANT TBO	ON-CONDITION, 1800 INSPECTION	3000 HRS TBO
DESIGN ORIGIN	NORTH AMERICA	EUROPE