Malibu STC’s and Products

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L46 Ultra High Intensity LED Lighting
Malibu Aerospace has developed an LED Taxi Light system for the Matrix, Malibu, Mirage and Meridian. This system utilizes ultra high intensity LEDs that output over 100 lumens per watt for bright light and high efficiency.

M-1 Cooling Modification
The Malibu Aerospace M-1 cooling modification consists of a modified lower cowl and additional cylinder cooling baffles, which decrease cylinder head temperatures (CHT’s) as much as 40 degrees. This simple modification decreases CHT’s, oil and accessory temperatures, without increasing drag or noise, while maintaining the factory aircraft appearance and landing gear doors.

Amsafe Seatbelt Airbags
The AmSafe Seatbelt Airbag is the first and only airbag system certified for use on commercial aircraft. It was developed as a cost-effective method of 16g compliance for difficult-to-certify seat placements. AmSafe has improved on this state of the art technology and developed a version of the airbag system that is sleeker in design, substantially lighter in weight, and contains built-in diagnostics. Protect yourself with AmSafe Airbags! Pick your color and we’ll install them—it’s that easy!

Malibu M-5
Our popular Malibu M-5 STC features a TCM TSIO-550-C engine with position tuned fuel injectors, a Hartzell 3-blade composite propeller and our M-1 cooling mod. The 40% thrust increase on takeoff and 15% increase during climb mean your Malibu will reach altitude in less time.
Tail Ice Light
Malibu Aerospace has developed a super bright LED light mounted at wing level. It gives you a great lighted view of your stabilizer’s leading edge when you really need it.

JPI Engine Data Management System
Malibu Aerospace’s JPI STC Certification allows you to use JPI’s Engine Data Management System as the primary instrument for Mirage owners. You can now consolidate oil temperature, oil pressure, fuel flow, CHT, EGT, TIT, RPM, and manifold pressure all into one instrument.

Turbine Compressor Wash Systems
Malibu Aerospace offers economical compressor wash systems for turbine aircraft owners and FBOs that need the ability to perform compressor and compressor turbine washes without spending thousands or tens of thousands of dollars and having to store large wash carts that only get used on an intermittent basis. These systems come in single and dual tank, and 3 and 5 gallon configurations.

Seat Modification—More room in the cockpit!
Malibu’s Seat Mod adds more leg and headroom for those taller pilots. We can customize the seat cushion and rebuild the Pilots seat to sit further back over the spar to allow additional leg room. So if you’re feeling a bit cramped, Malibu can give you more room in the cockpit!

Wheel Well Fairings
The Malibu Aerospace Wheel Well Fairings are designed to provide aerodynamic flow under the wing. The Fairings smooth the flow of air over the exposed tires and reduce drag! Installation is fast and simple; the Fairings attach with stainless steel screws with no riveting required, and give a clean finished appearance under the wing!
L46 Ultra High Intensity LED Lighting
$1,795.00 per set
Free installation at Malibu Aerospace

Amsafe Seatbelt Airbags
$6,995.00 per set
Includes installation at Malibu Aerospace

M-1 Cooling Modification
$1,895.00 kit only
$2,095.00 Including installation at Malibu Aerospace

Malibu M-5
Pricing varies, please call us to discuss. Prices shown are a close estimate.
Factory remanufactured engine, three blade propeller and cooling mod, and installation included.
$123,680.00

JPI Engine Data Management System
$795.00 for STC
Call for more detailed pricing
JPI EDM 700/800/730/830/900 options available

Tail Ice Light
$795.00 Light Kit only
$1,395.00 Including installation with Malibu Aerospace annual

Seat Modification
$4,995.00
$4,000.00 Including installation with Malibu Aerospace annual

Wheel Well Fairings
$2,995.00
$3,250.00 Including installation at Malibu Aerospace

Turbine Compressor Wash Systems
3-Gallon unit, including wash hose $1,395.00
5-Gallon unit, including wash hose $1,495.00
Dual 3-Gallon unit, including wash hose $2,295.00
Dual 5-Gallon unit, including wash hose $2,395.00
Compressor Turbine Wand, plus extra hose, $595.00