BEECHCRAFT T-6 TEXAN II

KIT AND TRAINING CATALOG

CAPABILITIES AND SERVICES

PURPOSE

As we strive to address the needs of our customers, Textron Aviation Defense (TA Defense) has prepared this catalog offering aircraft modification kits for customization and/or improvements. Additional kits are currently in work and will be added to the catalog over the coming months.

TA Defense provides OEM-certified expertise for kit installation at our Wichita, KS Modification Center. While there is potential for deploying field teams to support on-site installation at customer locations, availability is not guaranteed and is subject to scheduling and resource constraints.

**Not all kits are FAA certified*

**Additional engineering may be required*

STANDARD GENERAL TERMS

Textron Aviation Defense standard terms and conditions are applicable to all items offered in this catalog. Where possible and applicable, Textron Aviation Defense will accommodate specific contractual requests and agreements.

TABLE OF CONTENTS

* = FAA CERTIFIED

AVIONICS AND ELECTRICAL
KITS

400A STARTER GENERATOR

133-3042 | ATA: 80

DESCRIPTION

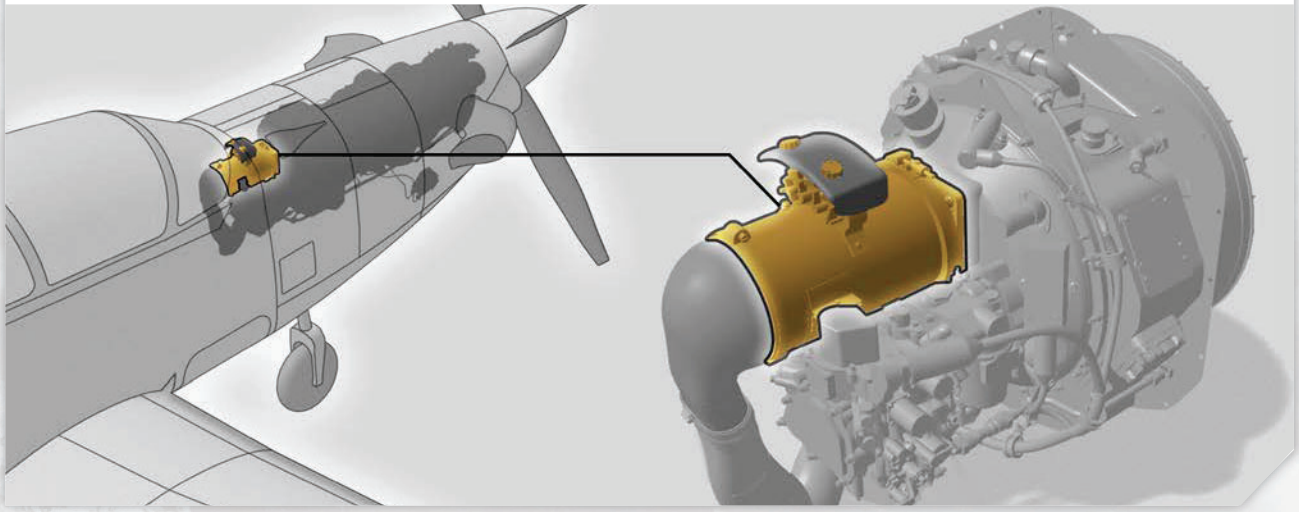
This kit provides parts and information to install a 400A starter generator and related components on in-service Model 3000 aircraft.

EFFECTIVITY

T-6™ B, C and D

BENEFIT

Operators will experience increased engine start reliability using only aircraft battery power at high-density altitudes or high-ambient temperatures.



AUTO IGNITION RELAY

133-3034* | ATA: 74

DESCRIPTION

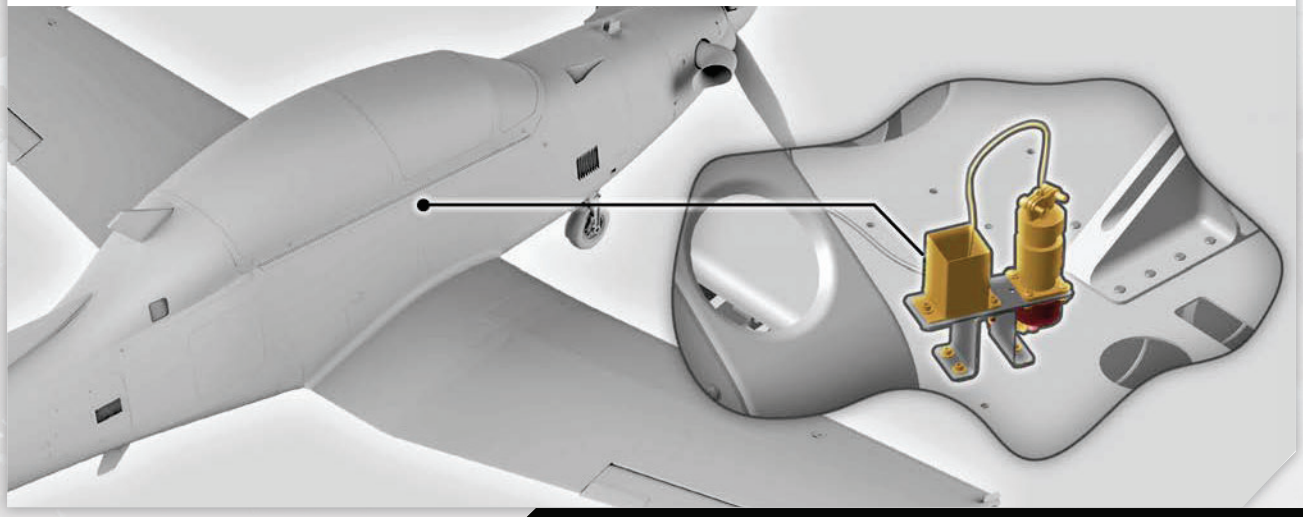
This kit provides parts and information to install a solid state auto ignition relay on in-service aircraft.

EFFECTIVITY

T-6™ All Models

BENEFIT

The solid-state auto ignition relay with increased life span replaces the more labor-intensive mechanical relay, reducing maintenance requirements and improving aircraft availability.



* = FAA CERTIFIED

BACKUP FLIGHT INSTRUMENT (BFI)

133-3062* | ATA: 34

DESCRIPTION

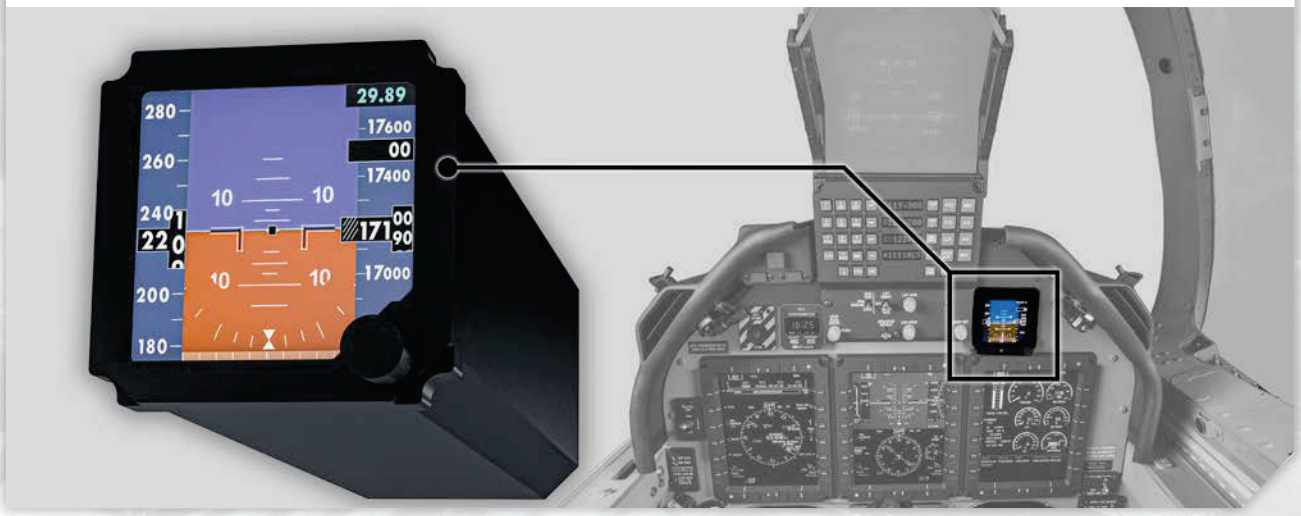
This kit provides parts and information to replace GH-3100 BFI with GH-3900.2.

BENEFIT

Replacing GH-3100 BFI with GH-3900.2 enables the customer to address obsolescence issues associated with the legacy BFI.

EFFECTIVITY

T-6™ B, C and D



BATTERY/STARTER GENERATOR GROUND BUS BAR

133-3047* | ATA: 24

DESCRIPTION

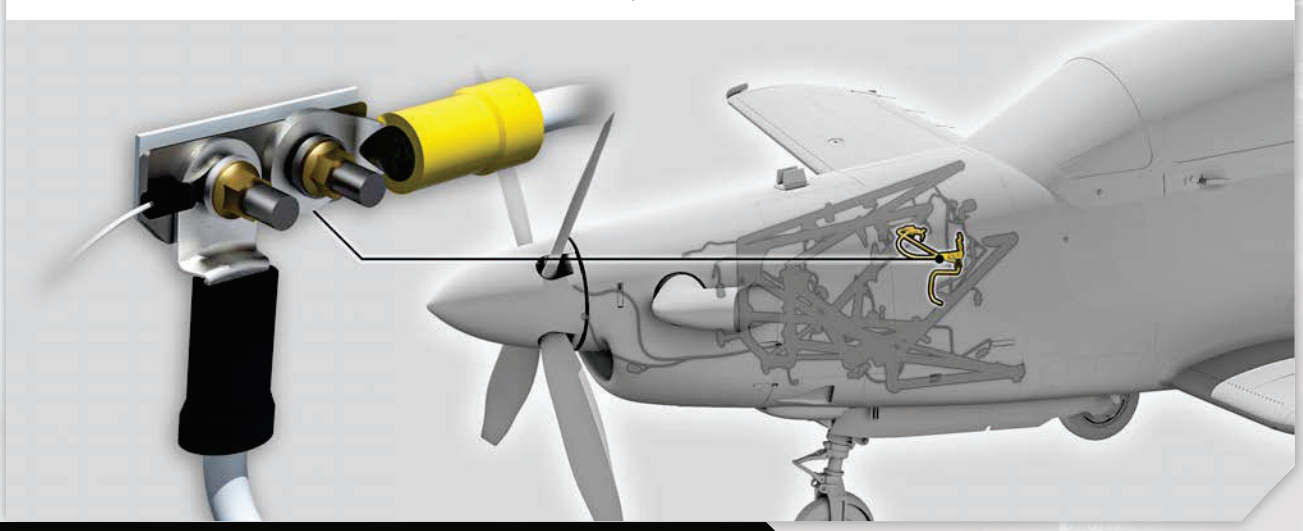
This kit provides parts and information to install a copper bus bar and starter ground terminals on the engine truss.

BENEFIT

This kit installs a copper bus bar and starter ground terminals on the engine truss to improve battery/starter generator ground performance and reduce potential damage to the truss.

EFFECTIVITY

T-6™ All Models



* = FAA CERTIFIED

DTS/DVR SPARES REPLACEMENT

133-3077 | ATA: 34

DESCRIPTION

This kit provides parts and information to replace a Safran VS1500-AS DTS/DVR with a Safran VS1510-CE DTS/DVR.

EFFECTIVITY

T-6™ B, C, and D

BENEFIT

Customer will be able to address existing DTS/DVR obsolescence and continue to operate the aircraft as previously defined with improved Removable Mass Memory Drive (RMMD) capacity interface.

ELT-1000 SYSTEM INSTALLATION

133-3073* | ATA: 25

DESCRIPTION

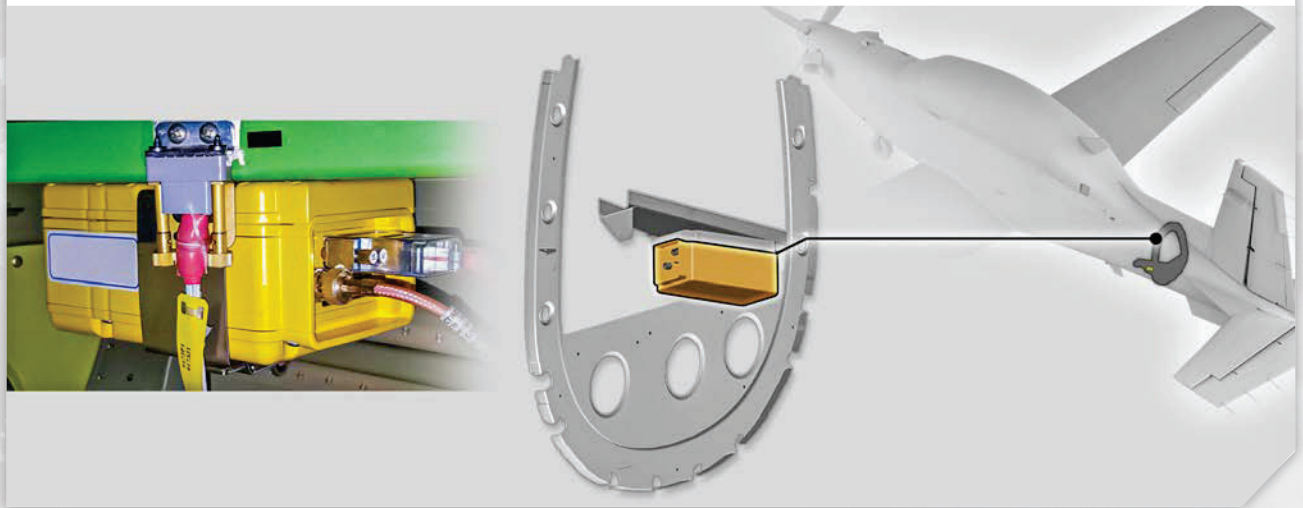
This kit provides parts and information to upgrade the legacy Emergency Locator Transmitter (ELT) to ELT-1000.

EFFECTIVITY

T-6™ All Models

BENEFIT

The new ELT system provides improved and accurate positioning using a built-in GPS interface.



* = FAA CERTIFIED

LED LANDING & TAXI LIGHTS

133-3064* | ATA: 33

DESCRIPTION

This kit provides the required hardware to replace halogen lightbulbs with LED bulbs on the landing and taxi lights.

EFFECTIVITY

T-6™ All Models

BENEFIT

With significantly longer life spans, these bulbs will reduce maintenance requirements and improve aircraft availability.

NVIS CONVERSION

133-3063 | ATA: 33

DESCRIPTION

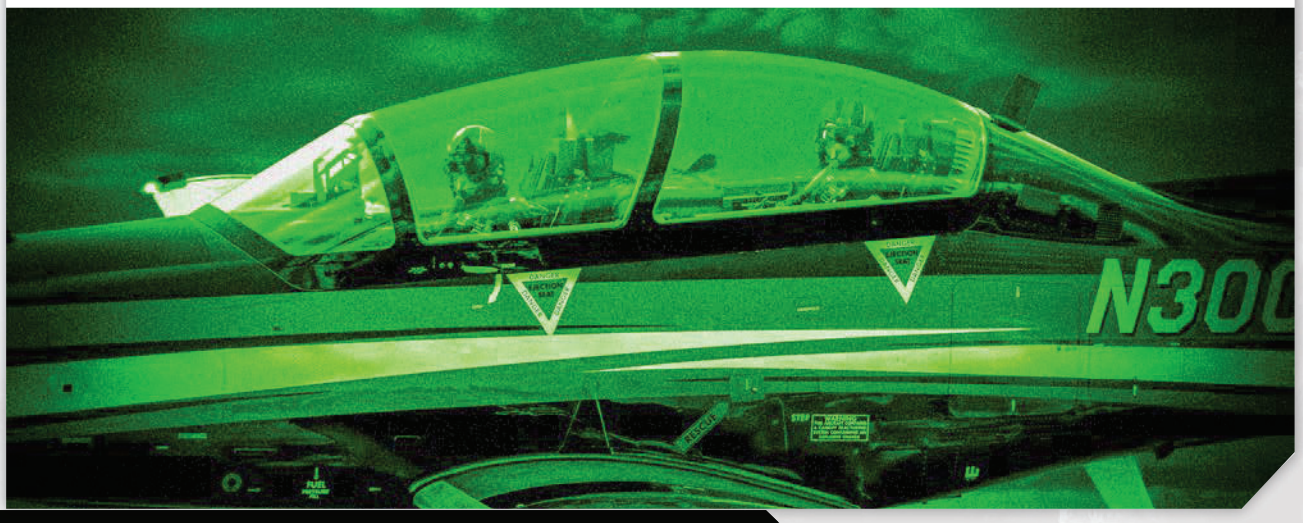
This kit provides parts and information to install Night Vision Imaging System (NVIS) electroluminescent panels on in-service aircraft.

EFFECTIVITY

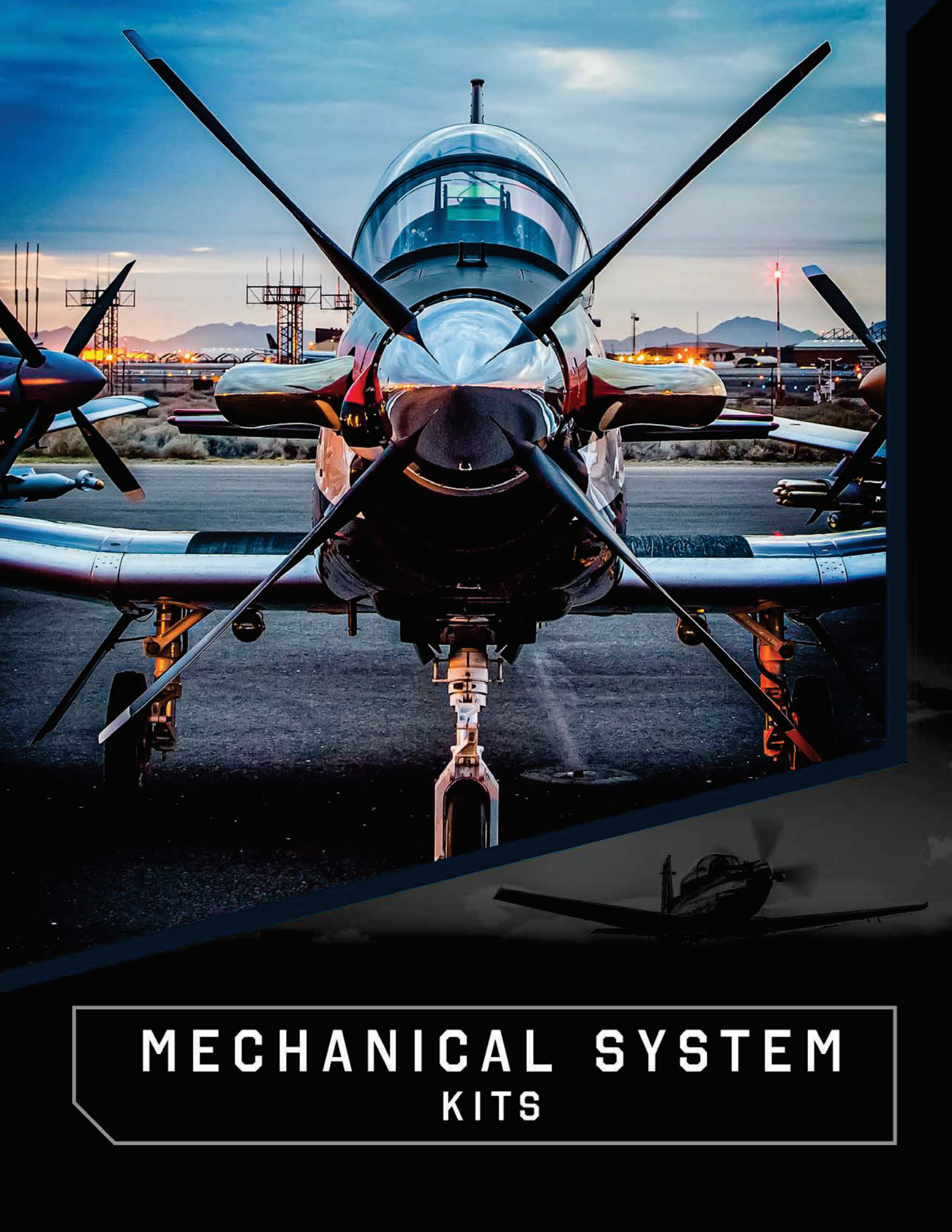
T-6™ B, C & D

BENEFIT

Upon installation, the pilot will benefit from enhanced visibility when operating the aircraft in low-light conditions, a wider field of view and improved depth perception, contributing to increased situational awareness during flight operations.



* = FAA CERTIFIED



MECHANICAL SYSTEM
KITS

ABOS INSTALLATION

133-5034 | ATA: 35

DESCRIPTION

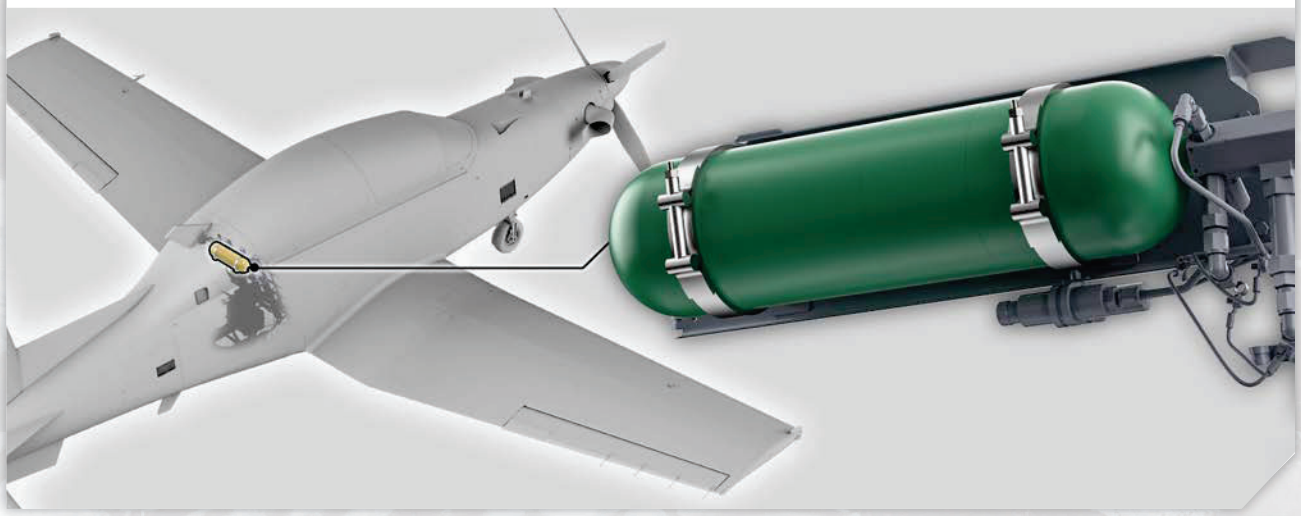
This kit provides parts and information to install Automatic Backup Oxygen System (ABOS).

EFFECTIVITY

T-6™ A

BENEFIT

The ABOS automatically activates when an On Board Oxygen Generation System (OBOGS) FAIL occurs. The ABOS provides oxygen to the crew from an onboard back-up oxygen bottle.



AVIONICS & BAGGAGE BAY DOOR LATCH UPGRADE

133-4045* | ATA: 52

DESCRIPTION

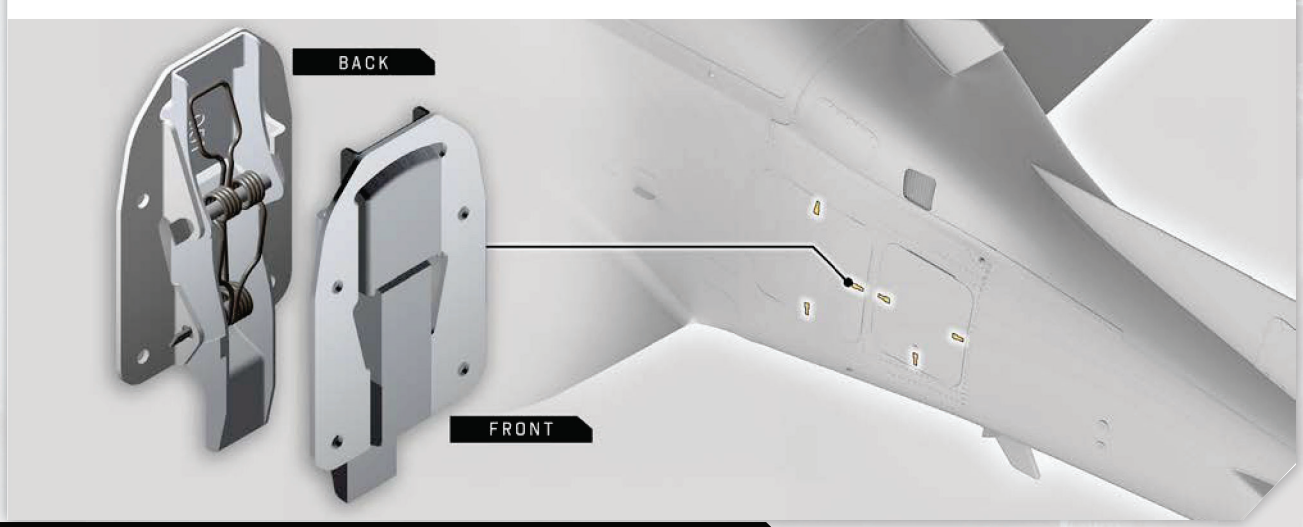
This kit provides the parts and information required to replace the latch assemblies on the LH & RH avionics doors and LH baggage door.

EFFECTIVITY

T-6™ All Models

BENEFIT

The enhanced latch design significantly reduces the likelihood of latch deformation, door opening and structural damage during high angle-of-attack maneuvers.



* = FAA CERTIFIED

AVIONICS RACK HOLD DOWN KNOB SPACER REPLACEMENT

133-3067* | ATA: 34

DESCRIPTION

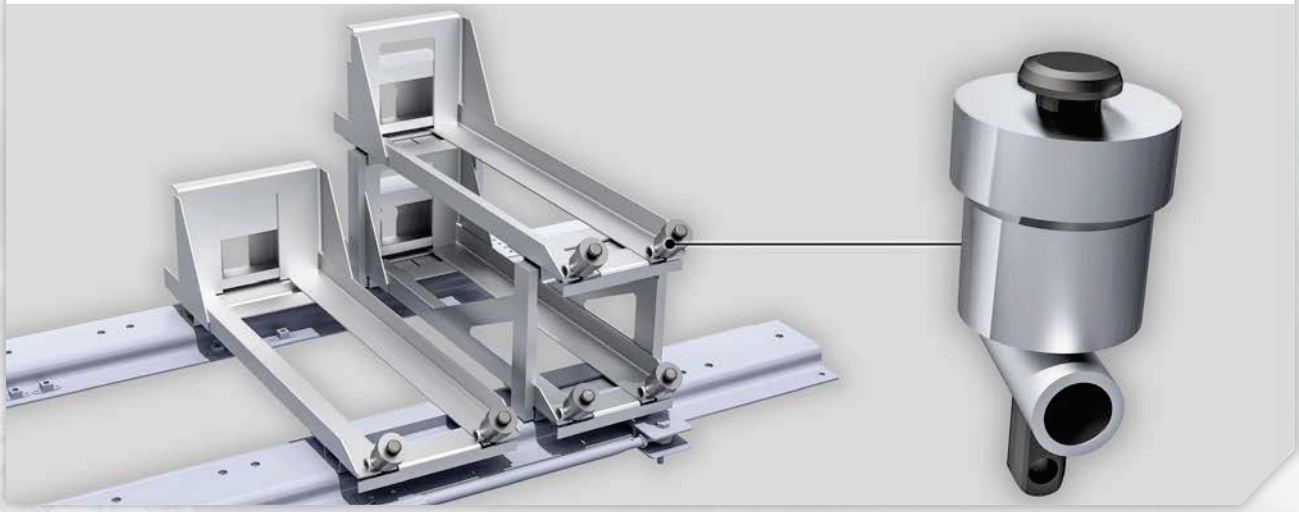
This kit provides parts and information to modify the hold down knobs on existing avionic racks, to facilitate a spare radio replacement.

BENEFIT

Facilitate a spares radio replacement by modifying the hold down knobs on existing avionics racks.

EFFECTIVITY

T-6™ A



CAMERA MOUNT INSTALLATION

133-5911 | ATA: 25

DESCRIPTION

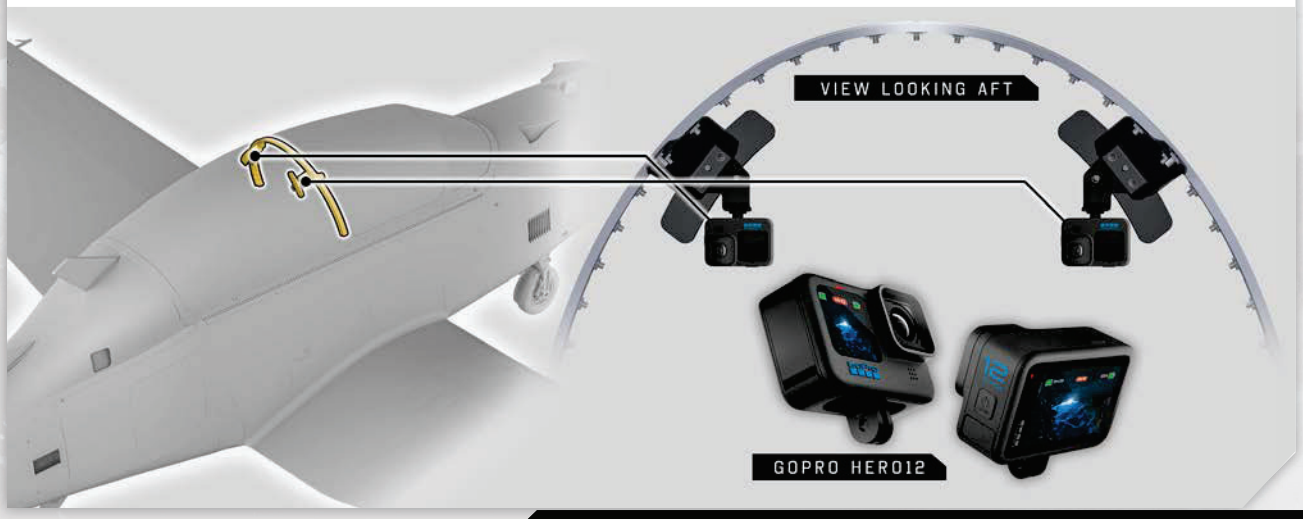
This kit provides parts and information to install a camera mount assembly in the aft cockpit.

BENEFIT

The customers will be able to mount a GoPro or similar camera on the aft cockpit mirror bracket location.

EFFECTIVITY

T-6™ All Models



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CFIS-B INSTALLATION

133-5039* | ATA: 95

DESCRIPTION

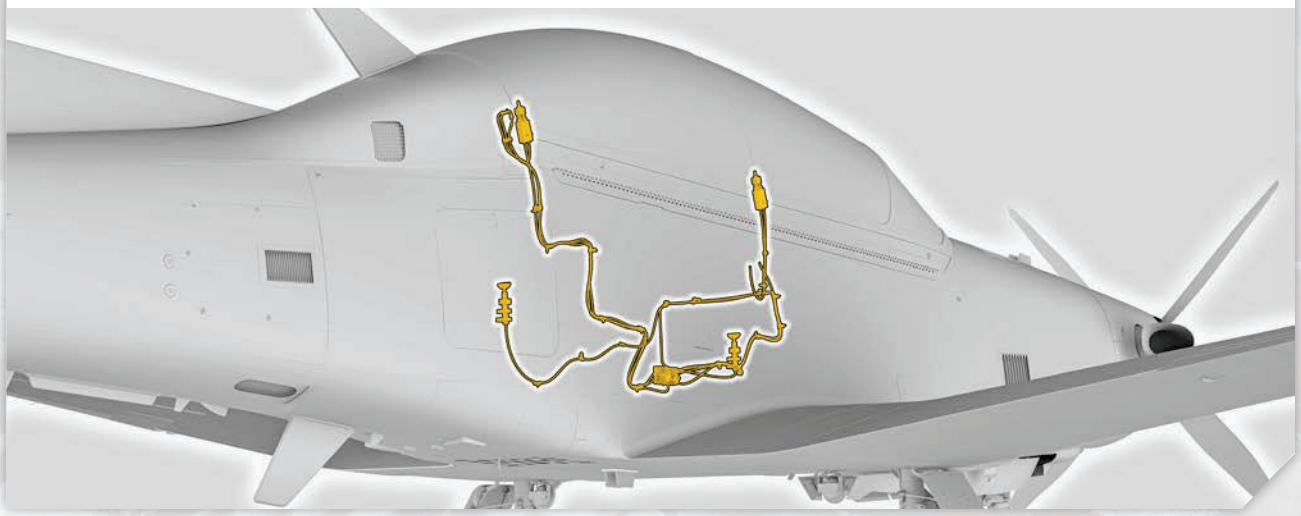
This kit provides parts and information to replace the laser-based Canopy Fracturing Initiation System, (CFIS), with a ballistic-based Canopy Fracturing Initiation System, (CFIS-B).

EFFECTIVITY

T-6™ All Models

BENEFIT

The ballistic-based CFIS-B replaces the laser-based CFIS to address flash lamp obsolescence and avoid the high cost associated with alternate laser-based CFIS.



LOWER CANOPY STRUT ATTACHMENT IMPROVEMENT

133-5052* | ATA: 53

DESCRIPTION

This kit provides the parts and information required to install a reinforced lower canopy strut fitting.

EFFECTIVITY

T-6™ All Models

BENEFIT

The improved lower attachment fitting is capable of handling repeated loadings. The new fitting secures the canopy struts in double shear, reducing the potential for damage.

* = FAA CERTIFIED

FWD PIVOT BOLT

133-5046* | ATA: 27

DESCRIPTION

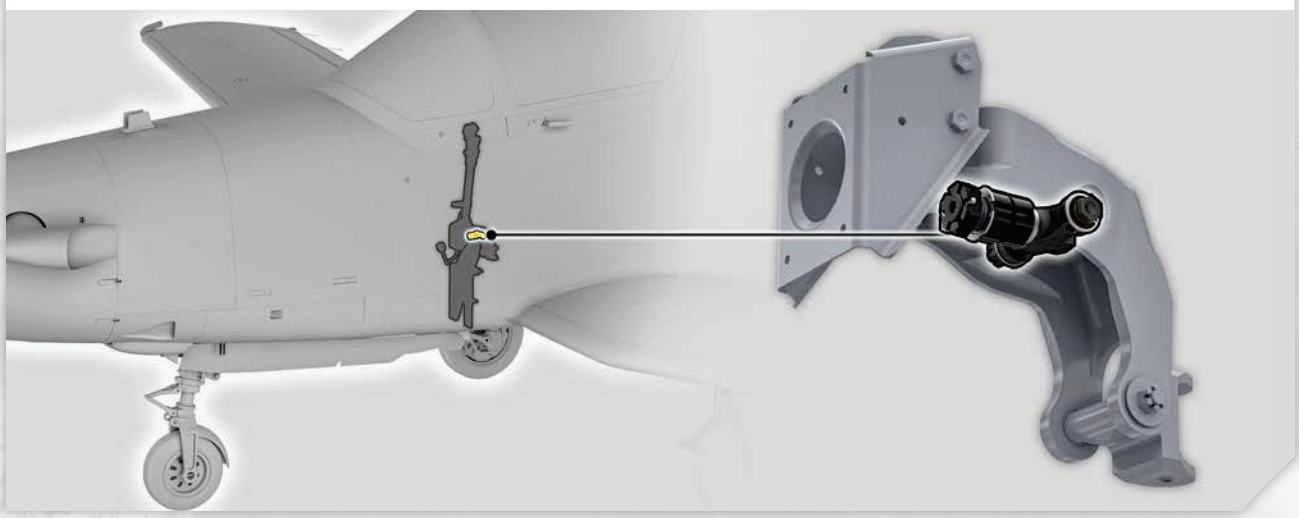
This kit provides an improved forward pivot bolt assembly to be capable of withstanding 80 knot ground gusts.

BENEFIT

The improved forward pivot bolt assembly reduces high wind inspection requirements and potential damage.

EFFECTIVITY

T-6™ All Models



ELEVATOR STOP BOLT INTERFACE

133-5027* | ATA: 27

DESCRIPTION

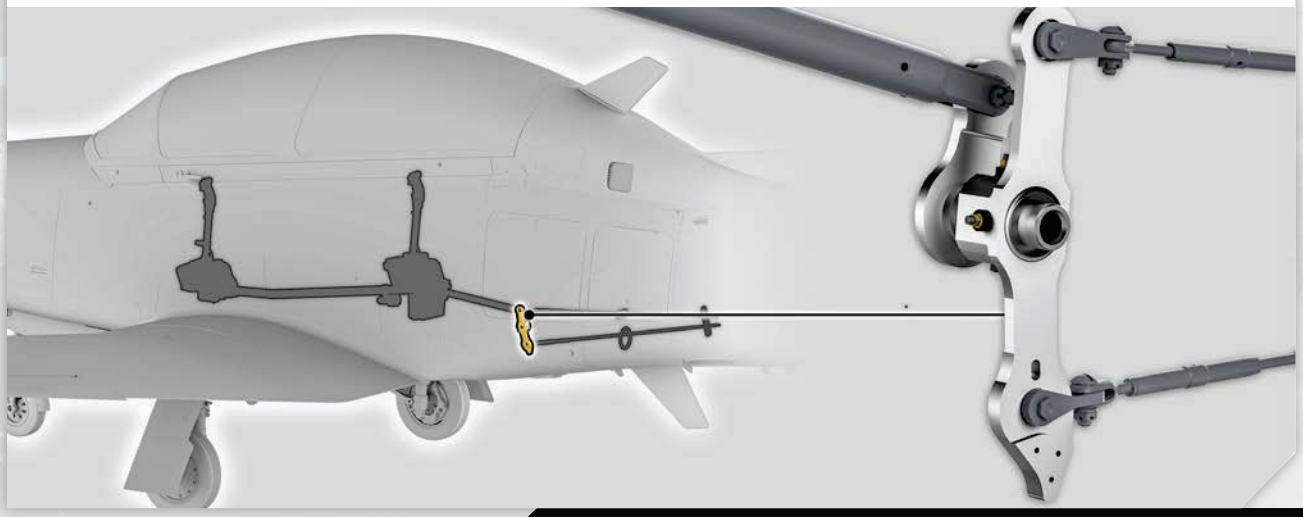
This kit provides parts and information to install a pad to provide a greater surface area on the forward elevator bellcrank for the elevator stop bolt interface.

BENEFIT

The pad improves the interface between the forward elevator bellcrank and the surface travel stop bolts. This kit prevents potential damage to the bellcrank and improves the stop bolt surface contact area.

EFFECTIVITY

T-6™ All Models



EVAPORATOR BLOWER MOTOR UPGRADE

133-5020 | ATA: 21

DESCRIPTION

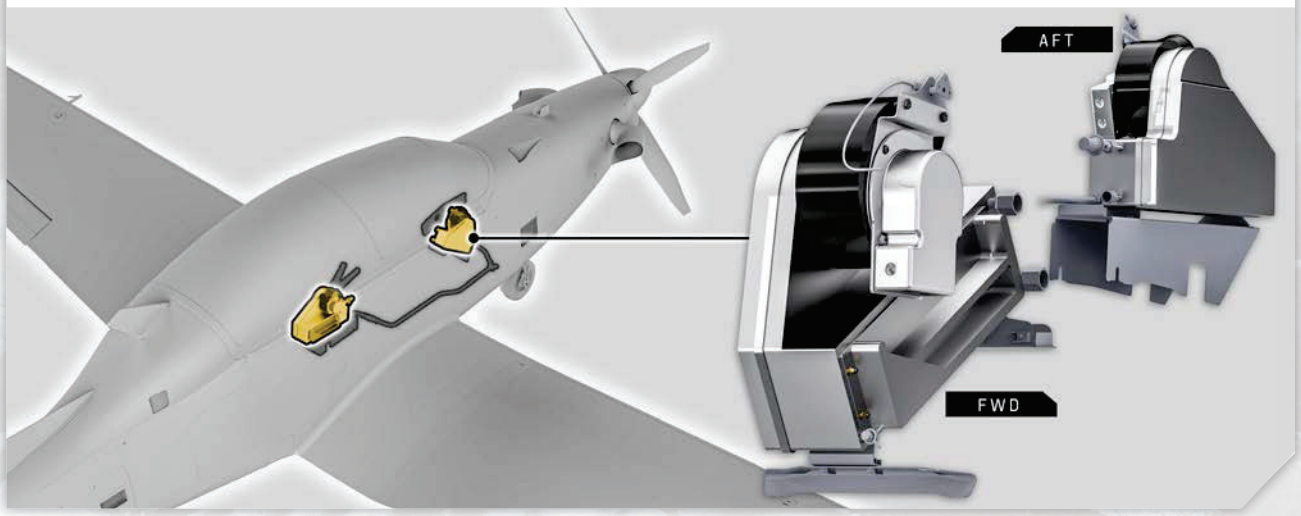
This kit provides parts and information to install an improved air conditioning system.

EFFECTIVITY

T-6™ A

BENEFIT

This kit installs a brushless direct current motor as a replacement for the previously obsolete brush-type motor.



EVAPORATOR FILTER INSTALL

133-5050* | ATA: 21

DESCRIPTION

This kit provides parts and information to install a filter on the forward and aft evaporator assemblies.

EFFECTIVITY

T-6™ All Models with the upgraded ECS

BENEFIT

The air filters reduce the cleaning effort required for the forward and aft evaporators during phase inspections, while also helping keep the evaporators clean for more efficient operation of the Environmental Control System (ECS).

* = FAA CERTIFIED

MAINTENANCE SEAT - COCKPIT

133-5037 | ATA: 71

DESCRIPTION

This kit provides parts and information to install forward and aft cockpit maintenance seats.

EFFECTIVITY

T-6™ All Models

BENEFIT

The forward and aft cockpit maintenance seats provide better compatibility with the aircraft to help avoid potential damage to the seat rails and eliminate the need to install ejection seats during engine runs.

OUTBOARD MLG DOOR ATTACHMENT HARDWARE

133-4054* | ATA: 32

DESCRIPTION

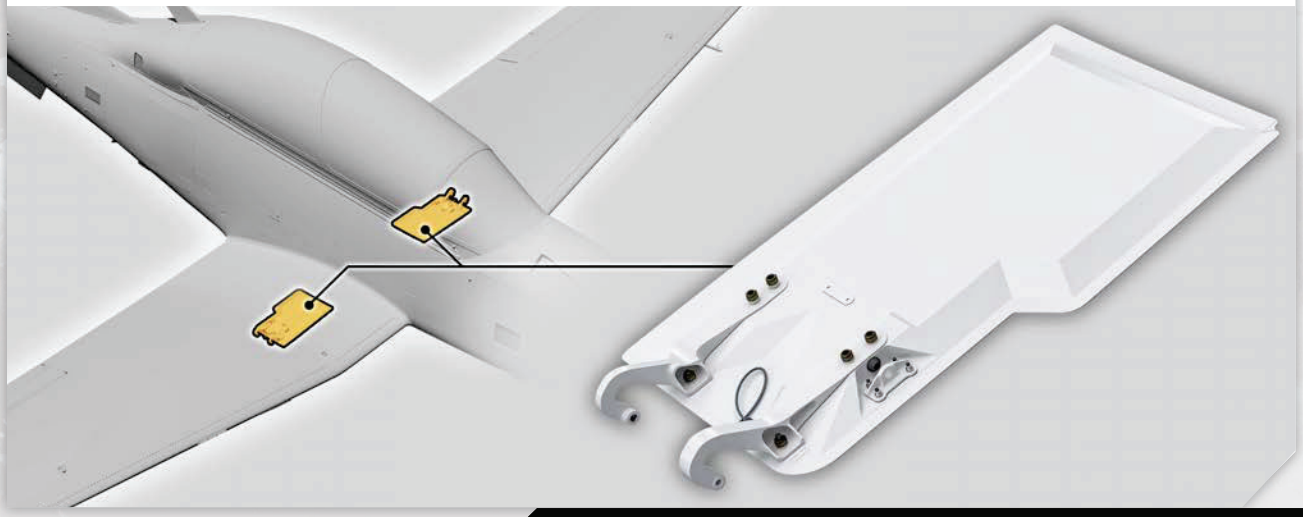
This kit provides the hardware for replacing the Main Landing Gear (MLG) door assembly with an improved tie rod attachment fitting.

EFFECTIVITY

T-6™ All Models

BENEFIT

This hardware enables the customer to install an improved outboard MLG door on in-service aircraft.



* = FAA CERTIFIED

MLG DOOR HINGE PIN RETENTION

133-4053* | ATA: 32

DESCRIPTION

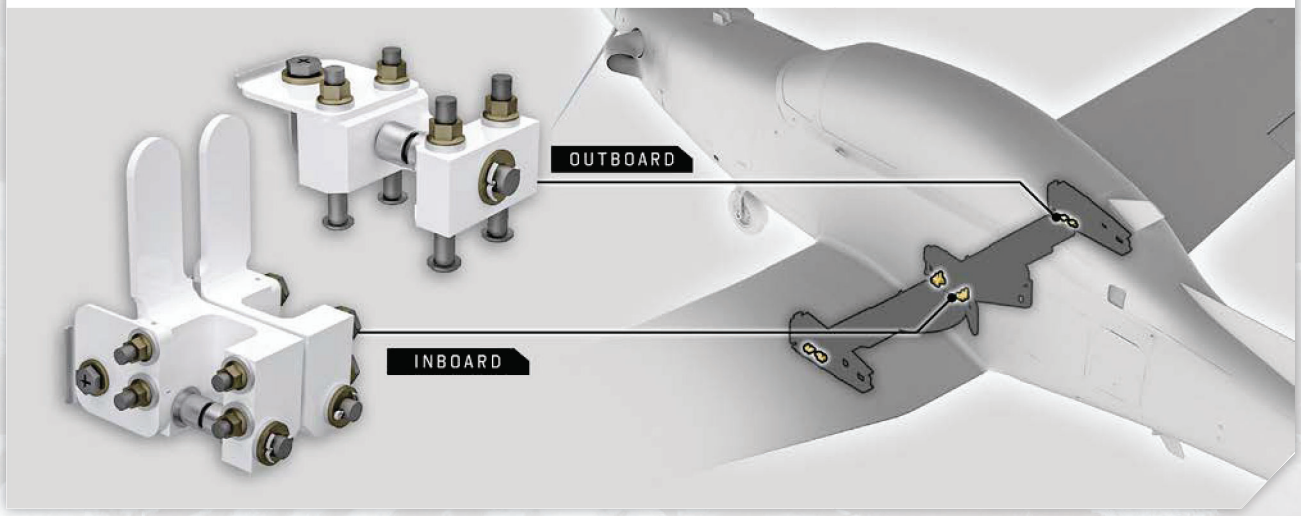
This kit provides parts and information to install retainers which provide a second means of retention for MLG door hinge pins.

BENEFIT

The retainers provide a secondary means of retaining the MLG door hinge pins to prevent the door being dislodged due to loss of cotter pins.

EFFECTIVITY

T-6™ All Models



MLG DOOR MECHANISM INSTALLATION

133-8100* | ATA: 32

DESCRIPTION

This kit provides parts and information for an improved main landing gear mechanism installation.

BENEFIT

The enhanced MLG door mechanism now incorporates a redesigned bellcrank, spring housing, and pushrods. This upgrade eliminates the need for ongoing Non-Destructive Inspection (NDI) requirements previously associated with the original bellcrank design, significantly reducing maintenance burden and improving long-term reliability for in-service aircraft.

EFFECTIVITY

T-6™ All Models

* = FAA CERTIFIED

MLG OUTBOARD DOOR TIE ROD ATTACHMENT IMPROVEMENT

133-4057* | ATA: 32

DESCRIPTION

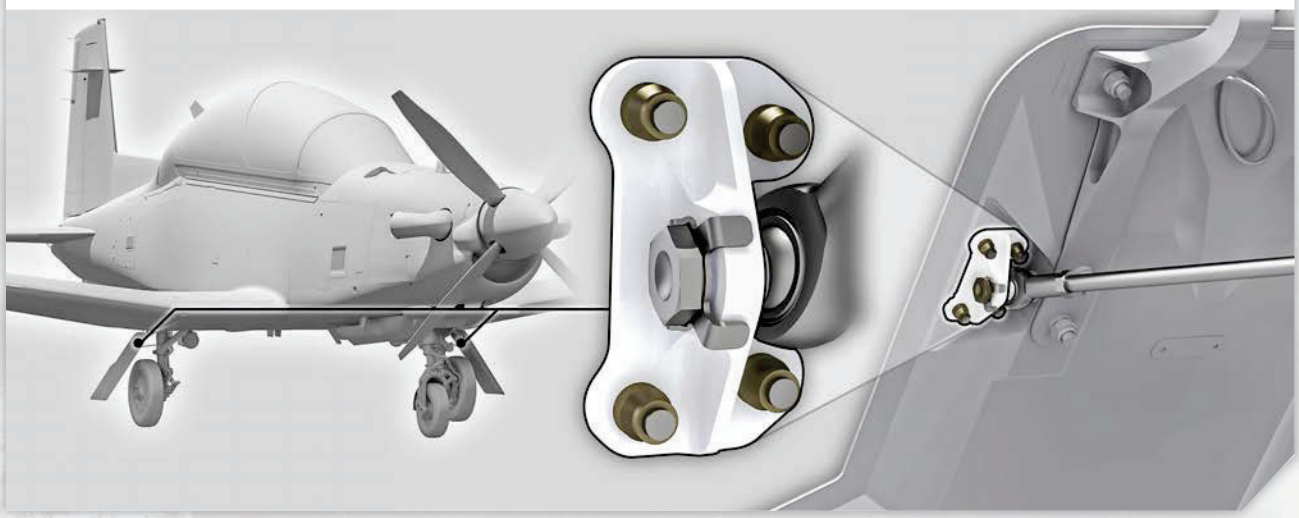
This kit provides parts and information to modify the tie rod attachment on spares and in-service outboard MLG door assemblies.

EFFECTIVITY

T-6™ All Models

BENEFIT

The improved tie rod attachment fitting is capable of handling repeated loadings and eliminates potential damage.



MLG SIDE BRACE PIN ANTI-ROTATION IMPROVEMENT

133-5041* | ATA: 32

DESCRIPTION

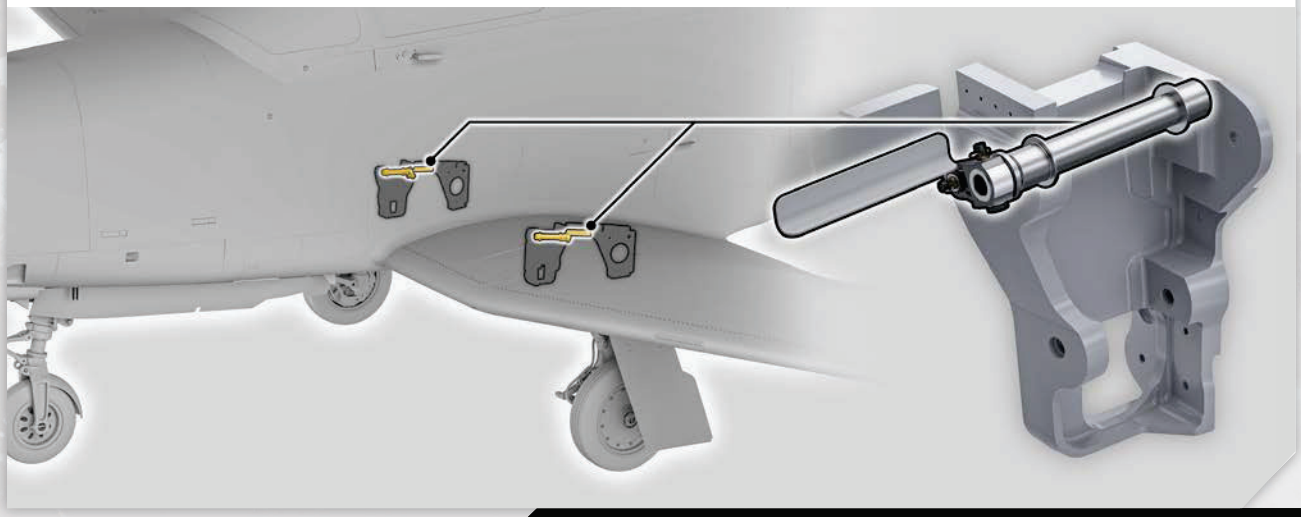
This kit provides parts and information to improve the main landing gear side brace pin anti-rotation, wing rib 7 and surrounding structure.

EFFECTIVITY

T-6™ All Models

BENEFIT

The anti-rotation pin assembly enhances the retention of the MLG side brace pin, thereby increasing the structural durability of wing rib 7 and adjacent components. By mitigating rotational loads transmitted through the side brace pin, the assembly helps prevent crack initiation and propagation within the MLG bay structure.



NLG FRICTION COLLAR INSTALLATION

133-8000* | ATA: 32

DESCRIPTION

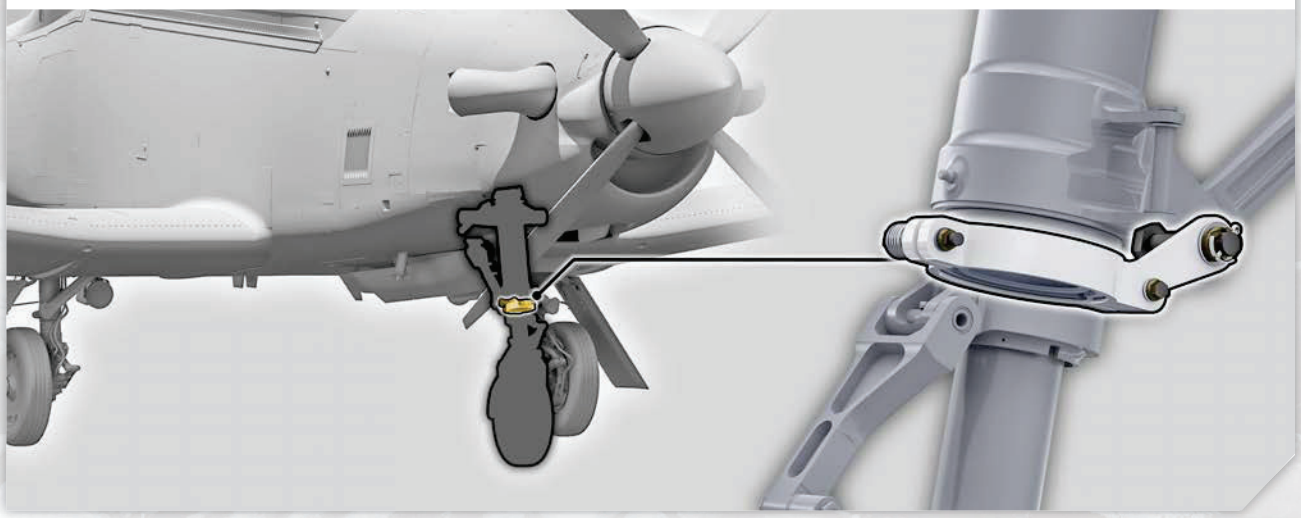
This kit provides parts and information to install a nose landing gear friction collar onto the Nose Landing Gear (NLG).

EFFECTIVITY

T-6™ All Models

BENEFIT

The friction collar on the NLG reduces nose wheel shimmying characteristics, therefore, reducing wear on nose landing gear components.



NLG AND MLG STRUT REPAIR

133-8110* | ATA: 32

DESCRIPTION

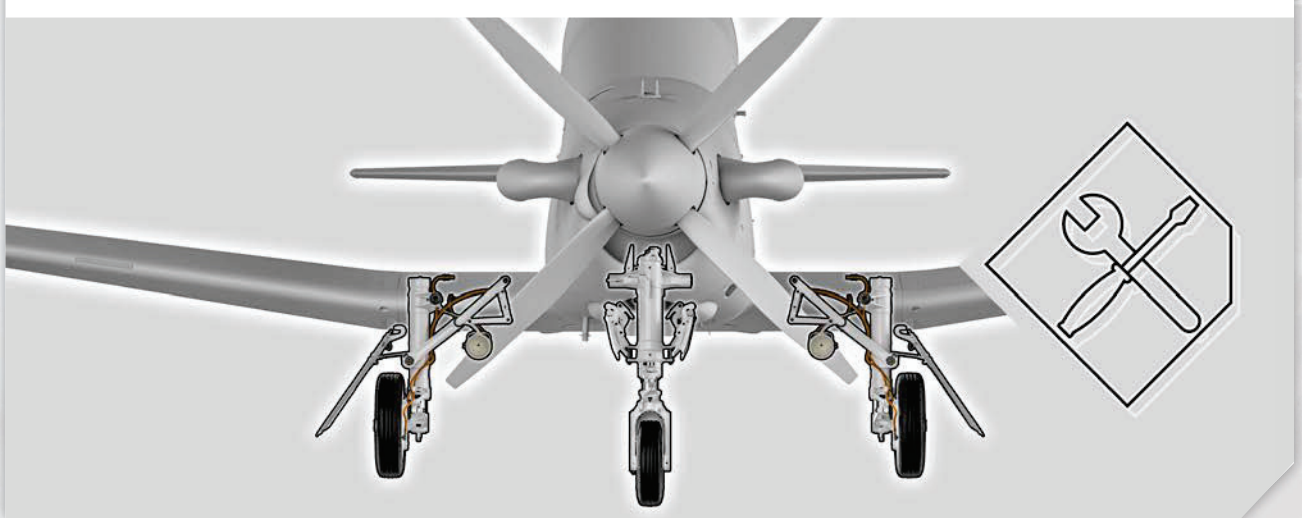
This kit provides parts and information to repack the nose or main landing gear struts.

EFFECTIVITY

T-6™ All Models

BENEFIT

This kit provides the parts required to perform one NLG or MLG strut repack, reducing effort/ time obtaining individual parts.



* = FAA CERTIFIED

OBOGS FIELD TEST TOOL KIT

133-560078 | ATA: GSE

DESCRIPTION

This kit provides the tools required to test/ troubleshoot the OBOGS.

EFFECTIVITY

T-6™ All Models

BENEFIT

This kit provides tools required to test/ troubleshoot the OBOGS system on in-service aircraft.

OBOGS PRSOV INSTALLATION

133-9008 | ATA: 35

DESCRIPTION

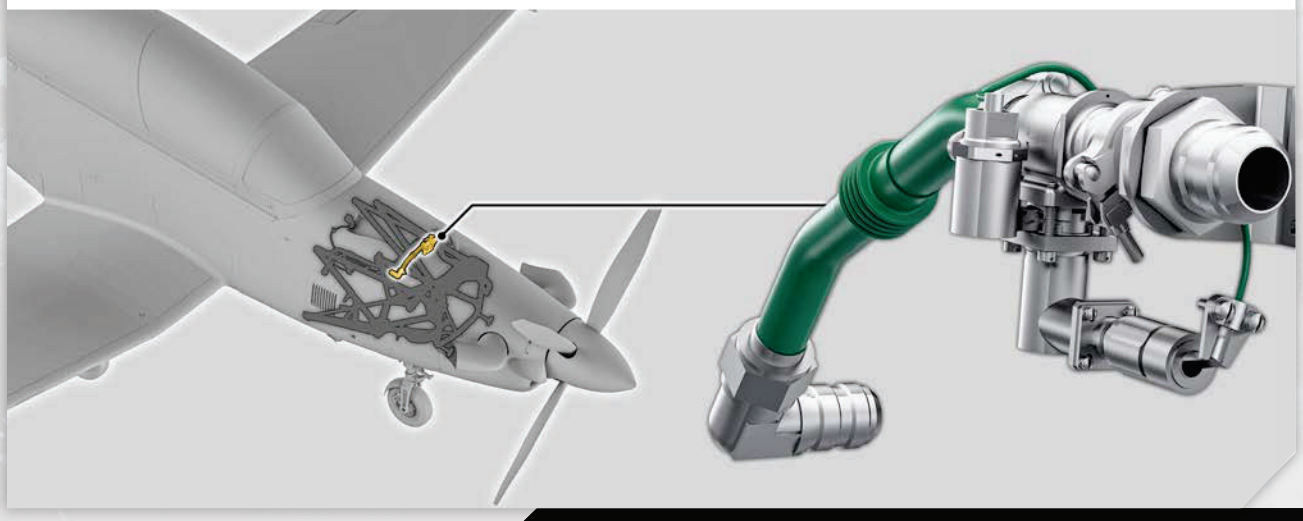
This kit provides parts and information to install Pressure Regulating Shut-Off Valve (PRSOV).

EFFECTIVITY

T-6™ All Models

BENEFIT

This kit install replaces the gated shut-off valve with PRSOV to reduce pressure variation to the OBOGS system from the engine pressure transients.



OBOGS WATER SEPARATOR INSTALLATION

133-5035 | ATA: 35

DESCRIPTION

This kit provides parts and information to install OBOGS water separator assembly and associated tubing.

EFFECTIVITY

T-6™ All Models

BENEFIT

The OBOGS water separator assembly prevents water from entering the OBOGS concentrator, extending the life of the concentrator.

PYLON INSTALLATION

133-2000 | ATA: 96

DESCRIPTION

This kit provides parts and information to install ALKAN-type 6185, NATO standard 14-inch, electromechanical pylons at six hardpoints (three per side) on the bottom of the wing on in-service Model 3000 aircraft with hardpoints.

EFFECTIVITY

T-6™ C and D

BENEFIT

With the six electromechanical pylons, the aircraft can carry external stores with 14-inch NATO standard lug configuration, increasing the types of training/flight missions that can be performed.

* = FAA CERTIFIED

RUDDER PEDAL SHAFT UPGRADE

133-5045* | ATA: 27

DESCRIPTION

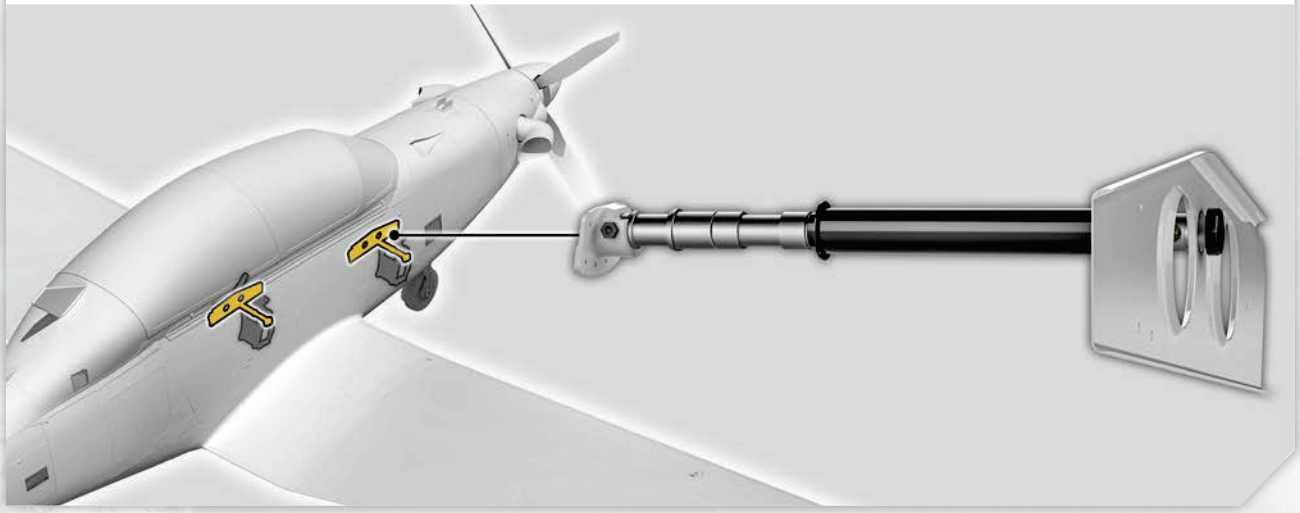
This kit provides parts and information to install upgraded rudder pedal shafts, rudder retaining caps and associated hardware.

BENEFIT

This kit eliminates non-destructive inspection/ replacement requirements and improves rudder pedal retention.

EFFECTIVITY

T-6™ All Models



RUDDER SHAFT SUPPORT

133-5051 | ATA: 27

DESCRIPTION

This kit provides hardware to complete return-to-service maintenance activities in support of the 133-5045 rudder pedal shaft kit installation.

BENEFIT

This kit provides all the necessary hardware to return the aircraft to service, eliminating the need to source individual components separately.

EFFECTIVITY

T-6™ All Models

* = FAA CERTIFIED

SMOKE SYSTEM INSTALLATION

133-4031 AND 133-4033 | ATA: VARIOUS

DESCRIPTION

This kit provides parts and information to install a smoke system on in-service aircraft. The 133-4031 kit operates in conjunction with 133-4033. Kit 133-4031 provides parts and information to install smoke system-related components while the 133-4033 provides the accessories power panel and the annunciator bracket for the smoke kit operation. Both kits are required.

BENEFIT

The smoke system enables the operators to deploy smoke during air shows and demonstration exercises, enhancing visual effects and audience engagement.

EFFECTIVITY

T-6™ All Models

STEERING BAR INSTALLATION

133-4036* | ATA: 09

DESCRIPTION

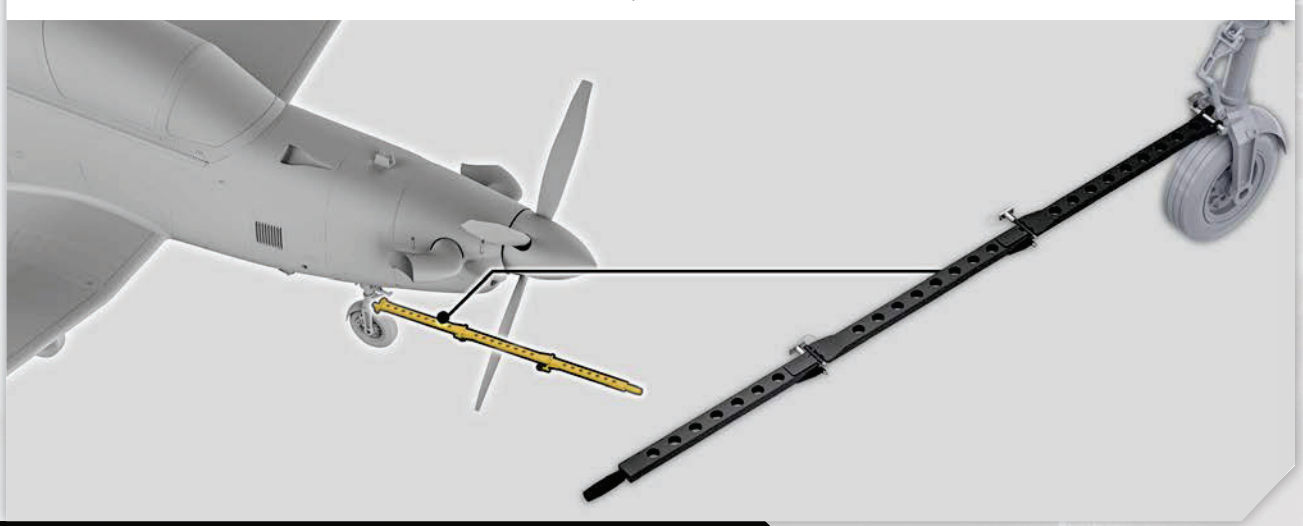
This kit provides the parts and information required to add a steering bar, bag and mounting provisions in the baggage bay of the aircraft.

BENEFIT

The steering bar enables the customer to tow the aircraft. The bag and mounting provisions enable the operator to stow the steering bar in the baggage bay of the aircraft when not in use.

EFFECTIVITY

T-6™ All Models



* = FAA CERTIFIED

UTILITY LIGHT MOUNTING BASE

133-4059* | ATA: 33

DESCRIPTION

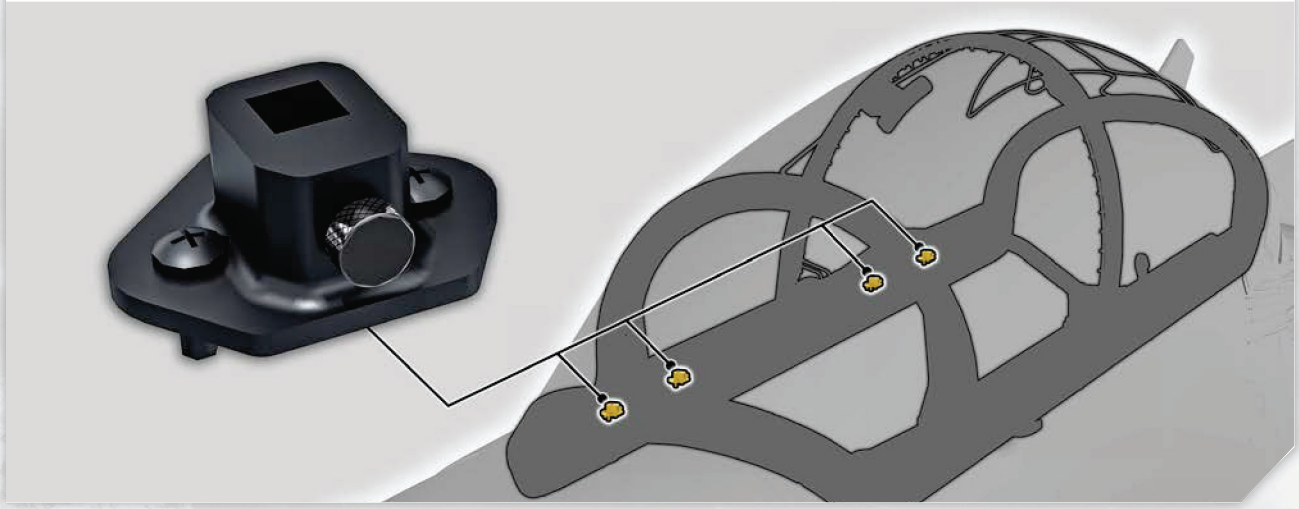
This kit provides the parts and information to install improved utility light mounting bases.

EFFECTIVITY

T-6™ All Models

BENEFIT

The new mounts are more durable, reducing cracking and thus improving aircraft availability.



WEAPONS KIT INSTALLATION

133-4033 AND 133-4034 | ATA: 96

DESCRIPTION

This kit provides parts and information to install weapons system-related components on in-service Model 3000 aircraft in conjunction with 133-4033. The 133-4033 kit provides the accessories power panel and the annunciator bracket for the weapons kit operation. Both kits are required.

EFFECTIVITY

T-6™ C and D

BENEFIT

The weapons system enables the operators have the weapon capability for training and exercise purposes.

* = FAA CERTIFIED

POWERPLANT
KITS

ENGINE PRESERVATION

133-9007 | ATA: 71

DESCRIPTION

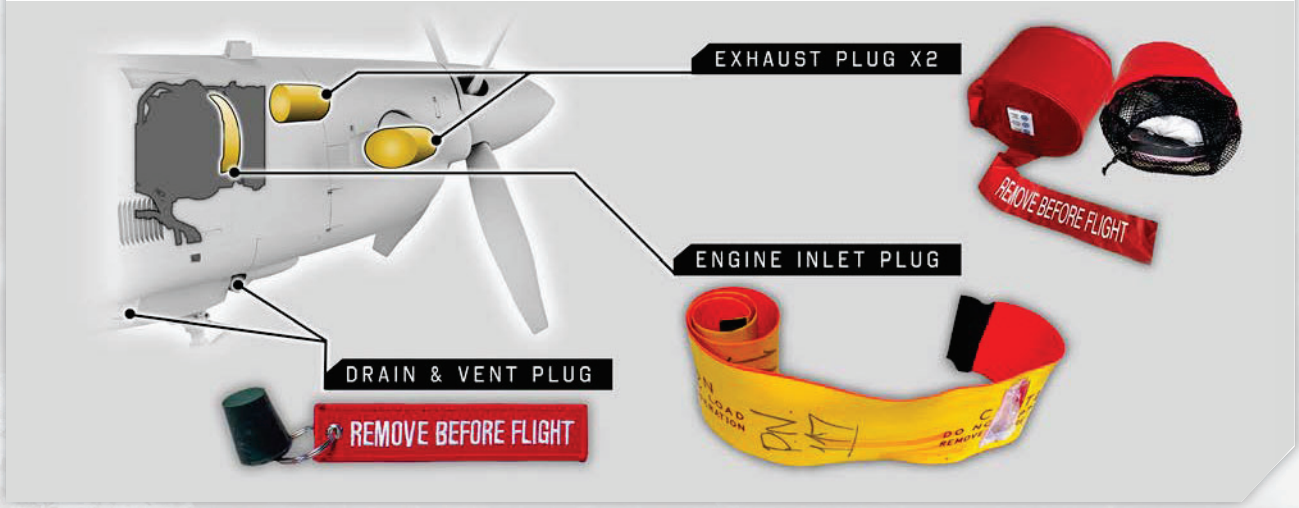
This kit installs ground support equipment to preserve an inactive engine.

EFFECTIVITY

T-6™ All Models

BENEFIT

The ground support equipment ensures engine preservation during periods of inactivity, helping to reduce repair costs associated with corrosion.



EXTERNAL FUEL TANK INSTALLATION

133-2000 | ATA: 96

DESCRIPTION

This kit provides parts and information to install external fuel tanks on in-service aircraft configured to accept ALKAN-type 6185, NATO standard 14-inch, electromechanical mast pylons.

EFFECTIVITY

T-6™ C and D

BENEFIT

The external fuel tanks enable operators to carry additional fuel to conduct longer missions and/or training exercises. Each tank has a maximum design fuel capacity of 67.2 gallons, of which 63.7 gallons are usable.

HYDRAULIC PRESSURE TUBE CLAMPING IMPROVEMENT

133-5032* | ATA: 29

DESCRIPTION

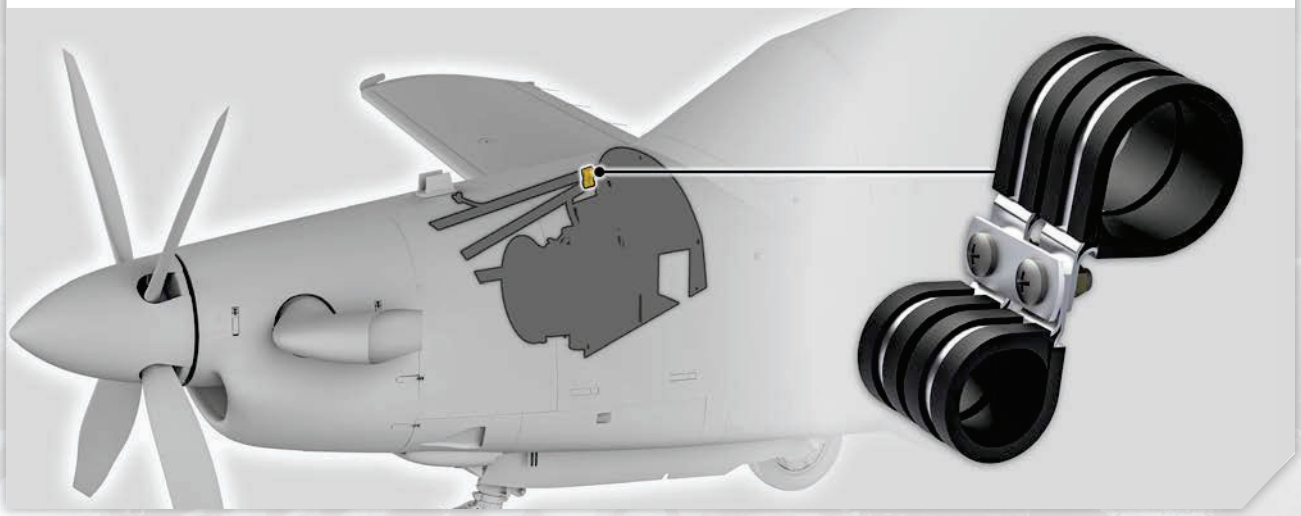
This kit provides parts and information to install an improved hydraulic pressure tube routing and clamping upgrade for in-service aircraft.

EFFECTIVITY

T-6™ All Models

BENEFIT

The improved tube routing and upgraded clamping holds the hydraulic line in position and prevents the line from moving and contacting frame 1 structure.



OIL COOLER HOSE CLAMPING

133-4042* | ATA: 79

DESCRIPTION

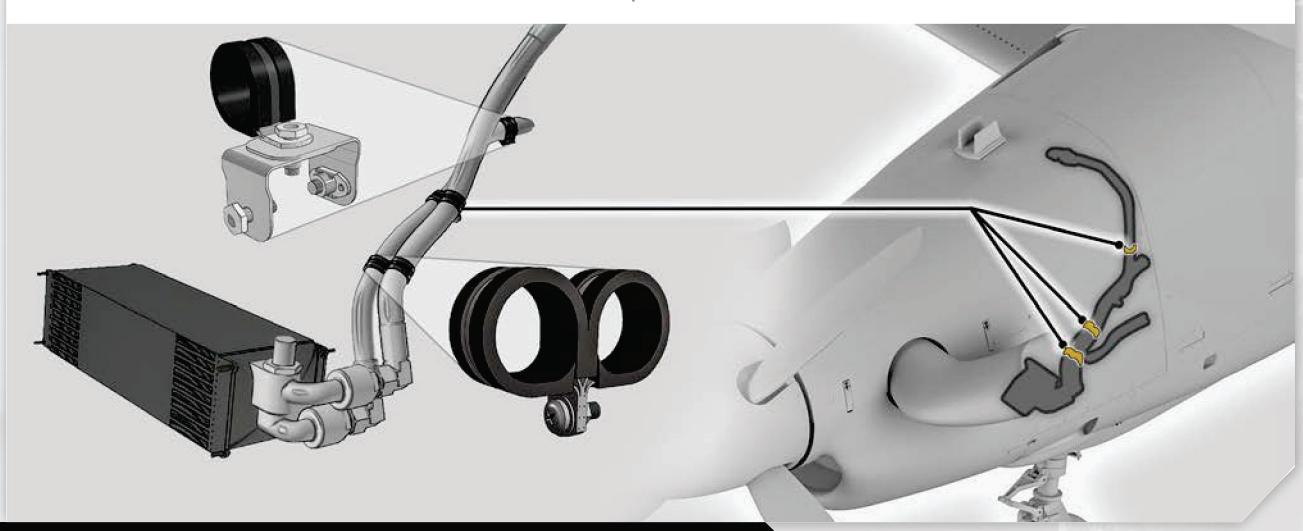
This kit provides parts and information to install an oil cooler hose clamping upgrade.

EFFECTIVITY

T-6™ C

BENEFIT

The clamping upgrade reduces potential chafing of oil cooler hoses and simplifies maintenance by ensuring consistent positive clearance between the hoses and adjacent structure.



* = FAA CERTIFIED

QUICK ENGINE CHANGE

133-9005 | ATA: 71

DESCRIPTION

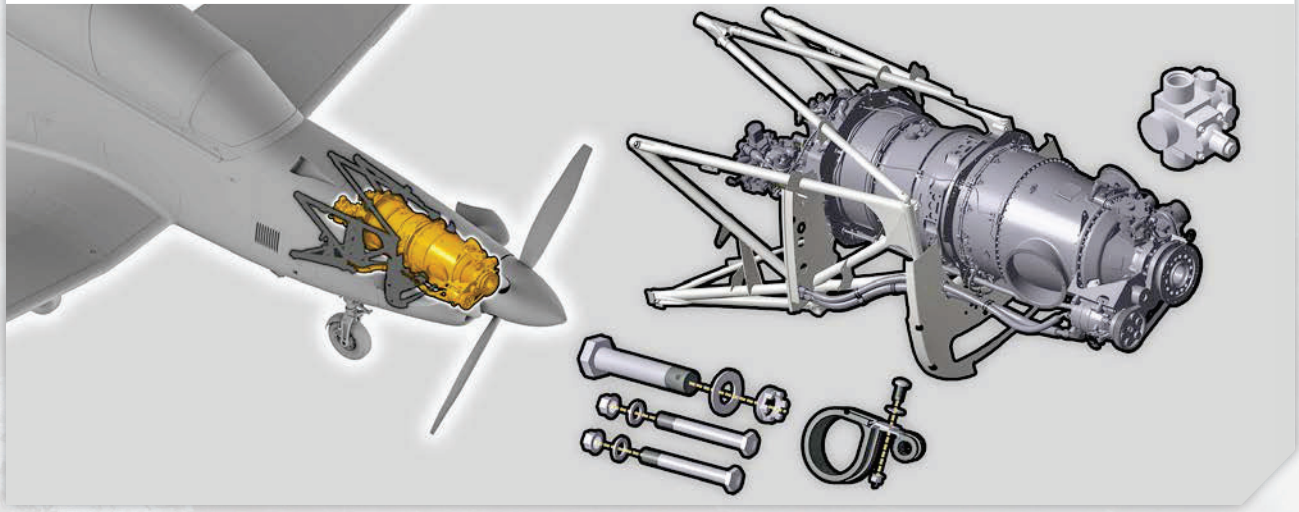
The kit consolidates all necessary parts into a single kit to support either an initial engine buildup or a quick engine change.

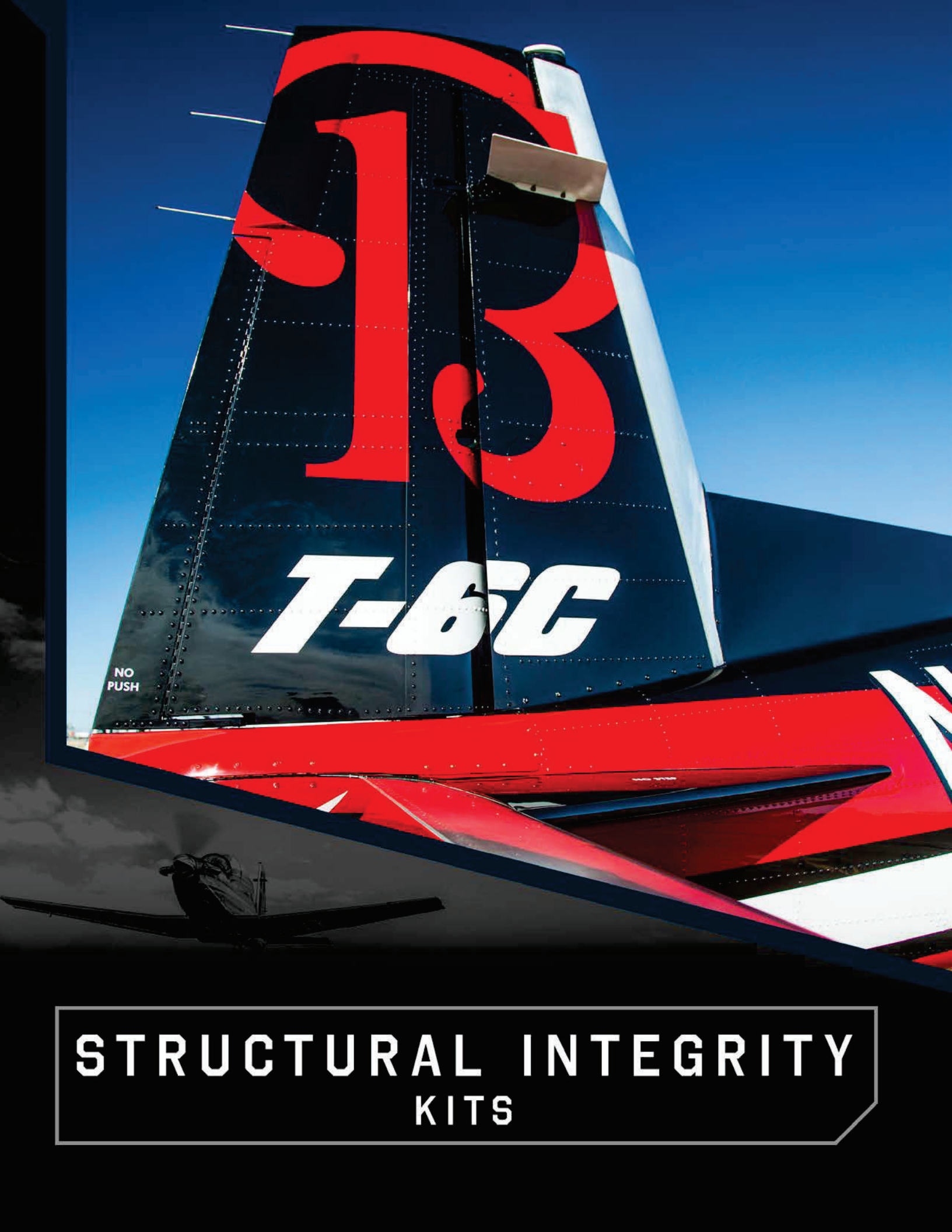
EFFECTIVITY

T-6™ All Models

BENEFIT

This kit contains all components required for initial engine buildup or quick engine change. By ordering the individual parts in this kit, it enables maintenance personnel to avoid the time-consuming process of ordering, requesting and pulling individual parts.





STRUCTURAL INTEGRITY
KITS

ANTENNA GASKETS (INCLUDES ALL GASKETS)

133-3048* | ATA: 34

DESCRIPTION

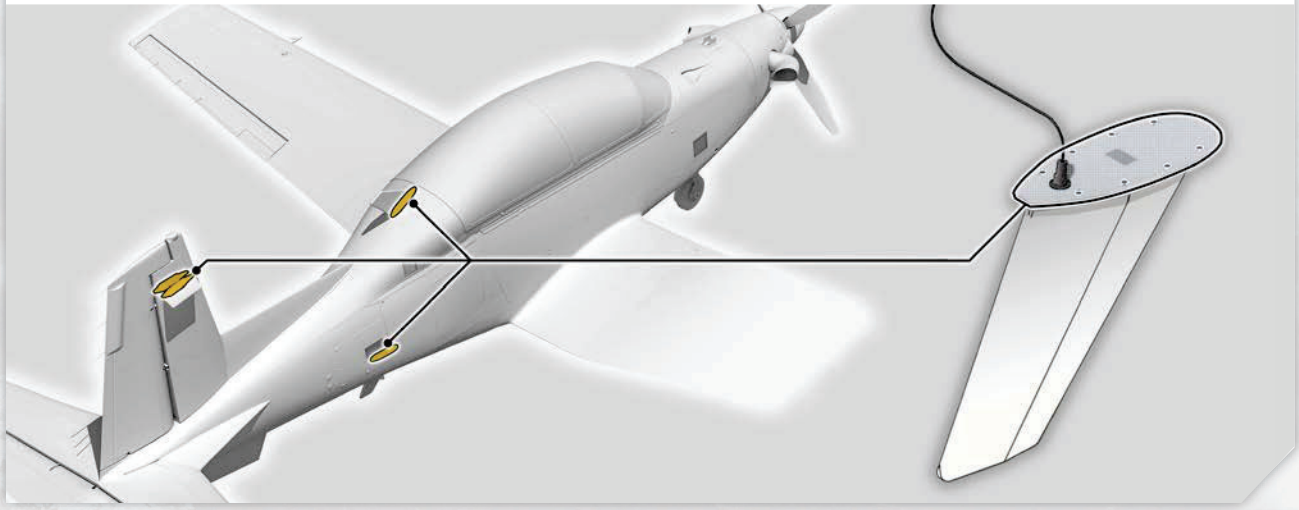
This kit provides parts and information to install a set of gaskets at the antenna-skin mating surface. Kit includes gaskets for a set of antennas, such as NAV, VHF/UHF, ADF, TAS, ELT, etc., installed on the aircraft.

BENEFIT

The antenna gaskets reduce corrosion, especially for aircraft operating in caustic environments, significantly reducing aircraft downtime.

EFFECTIVITY

T-6™ All Models



ANTENNA GASKETS (INDIVIDUAL GASKETS)

133-3049* | ATA: 34

DESCRIPTION

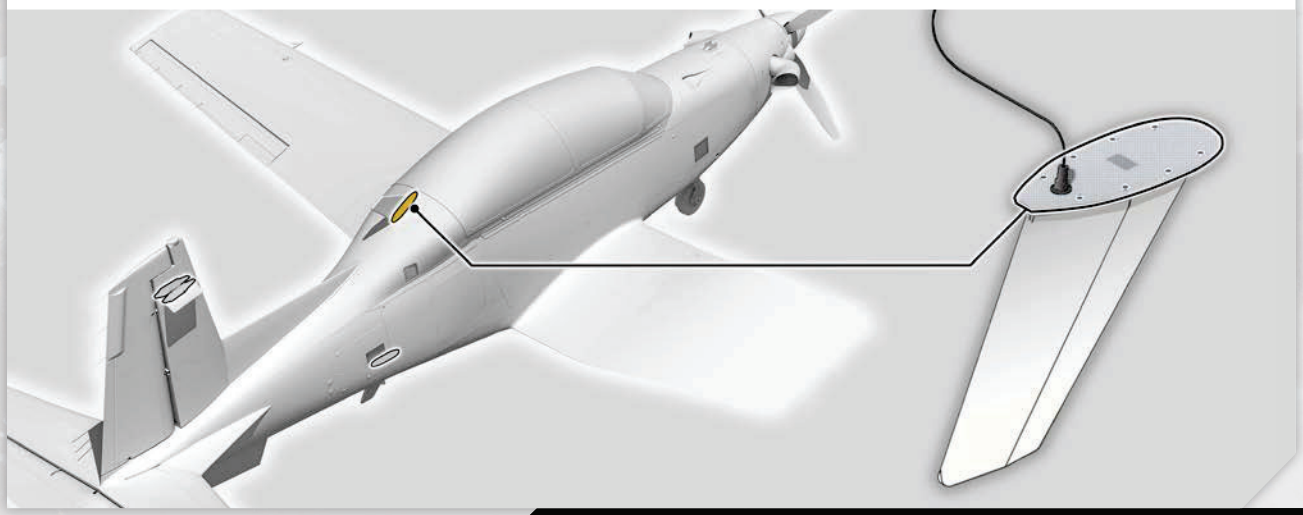
This kit provides parts and information to install individual gaskets at each antenna-skin mating surface.

BENEFIT

The antenna gaskets reduce corrosion, especially for aircraft operating in caustic environments, reducing aircraft downtime.

EFFECTIVITY

T-6™ All Models



* = FAA CERTIFIED

DORSAL UPGRADE

133-4055* | ATA: 53

DESCRIPTION

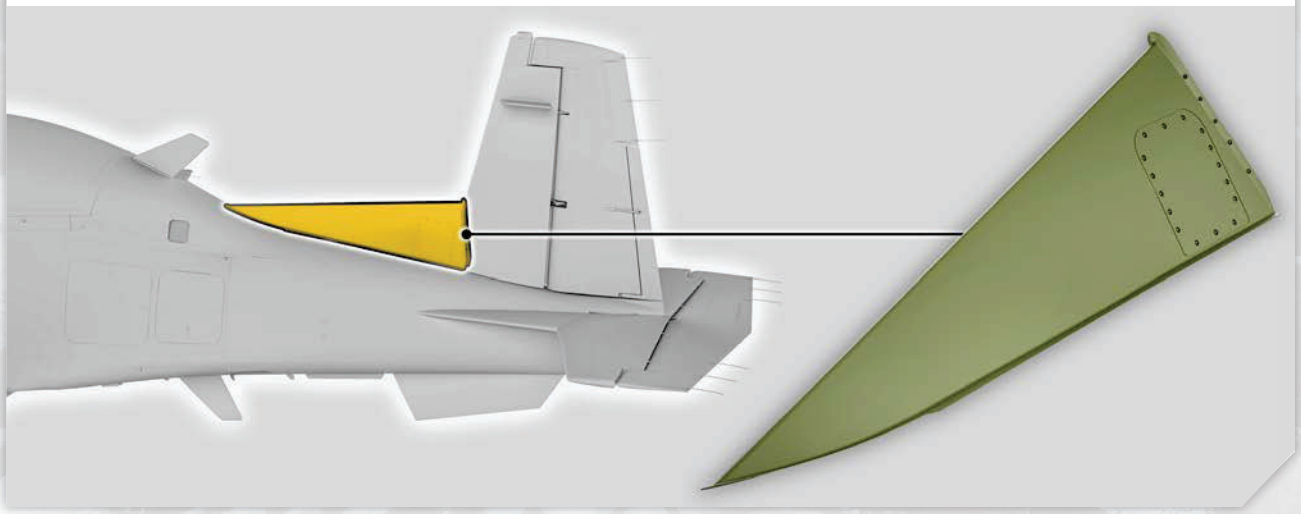
This kit provides parts and information to install materials and coatings which provide improved durability for the dorsal installation.

BENEFIT

The improved dorsal fairing reduces canning of the skin under high side loads and also reduces flexing of rib flanges.

EFFECTIVITY

T-6™ All Models



ECS INLET & EXHAUST GALVANIC ISOLATOR INSTALLATION

133-4044* | ATA: 53

DESCRIPTION

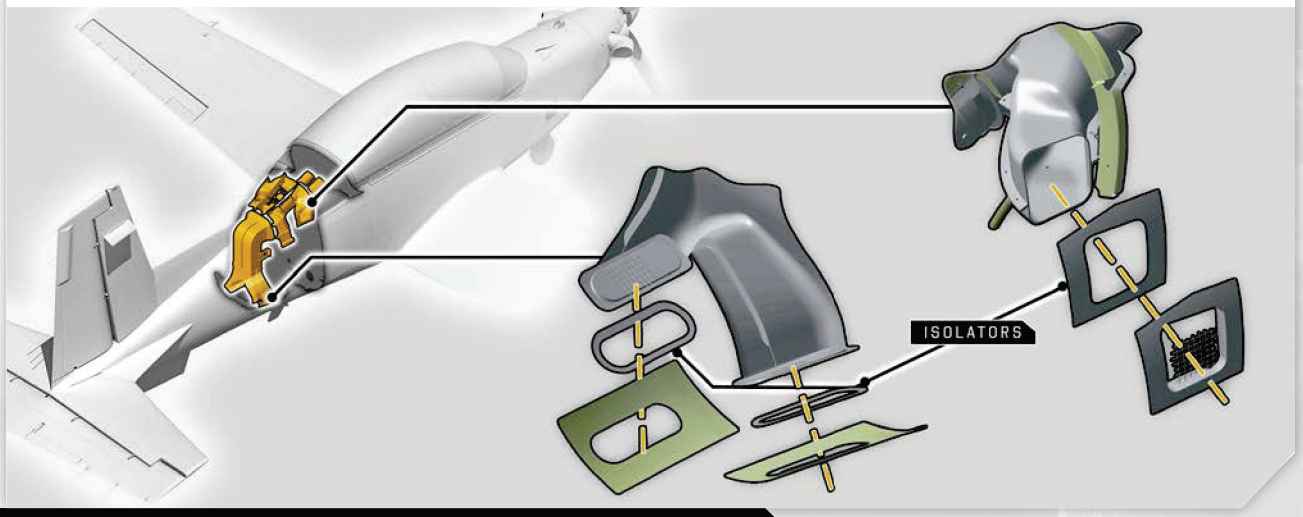
This kit provides parts and information to install Kydex isolators between the skin assembly and screens at both Environmental Control System (ECS) inlet and exhaust ducts to prevent galvanic corrosion.

BENEFIT

The isolators reduce galvanic corrosion to the skin assembly at both ECS inlet and exhaust screens.

EFFECTIVITY

T-6™ All Models



* = FAA CERTIFIED

SIDEWALL CLEARANCE PROVISIONS

133-4035* | ATA: 53

DESCRIPTION

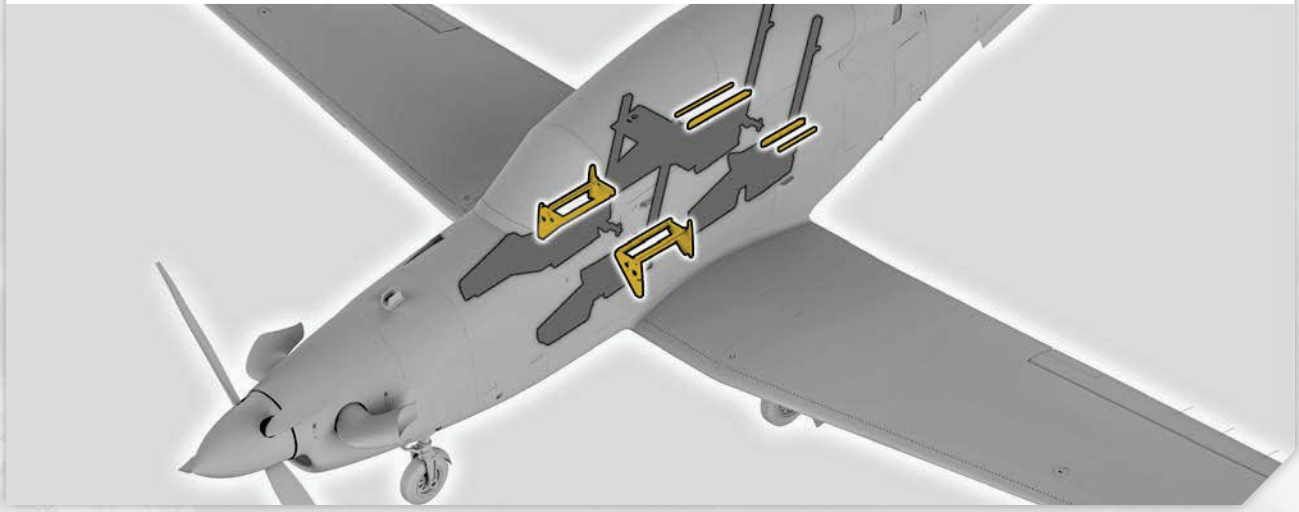
This kit provides parts and information to install sidewall clearance provisions to improve ejection seat to sidewall clearance.

BENEFIT

The provisions provided improve ejection seat to sidewalls clearance to improve maintainability.

EFFECTIVITY

T-6™ All Models



UHF/VHF ANTENNA PROVISIONS UPGRADE

133-3075* | ATA: 34

DESCRIPTION

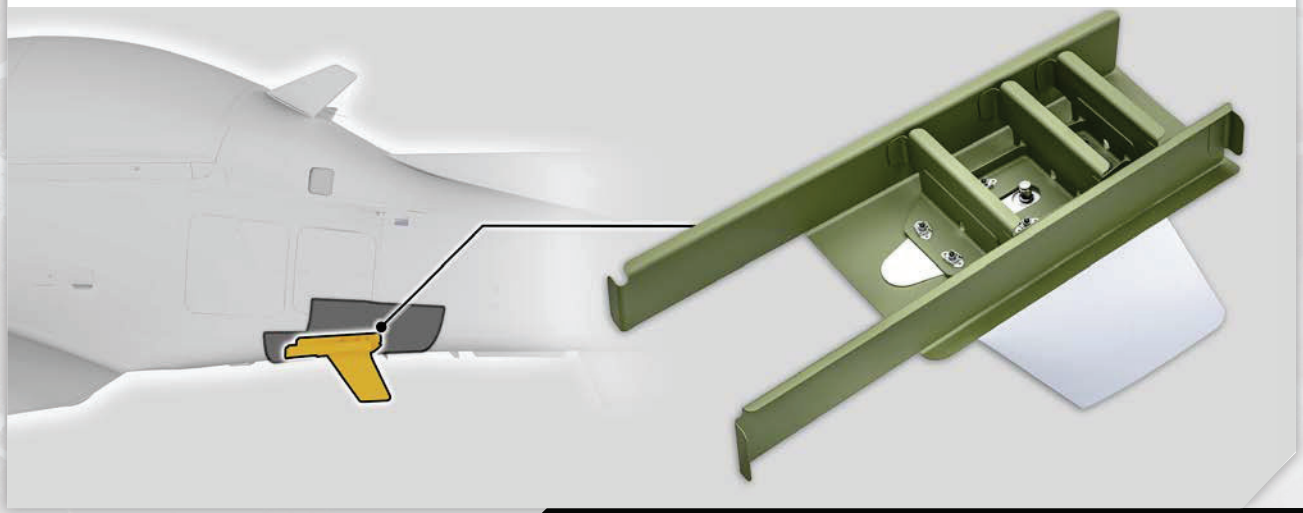
This kit provides the parts and information required to replace the existing UHF/ VHF antenna structure, with an upgraded installation.

BENEFIT

The structure reinforcements provide additional support for the UHF antenna to prevent cracking of the skin and doubler.

EFFECTIVITY

T-6™ All Models



WING RIB 1 DURABILITY ENHANCEMENT

133-4051* | ATA: 57

DESCRIPTION

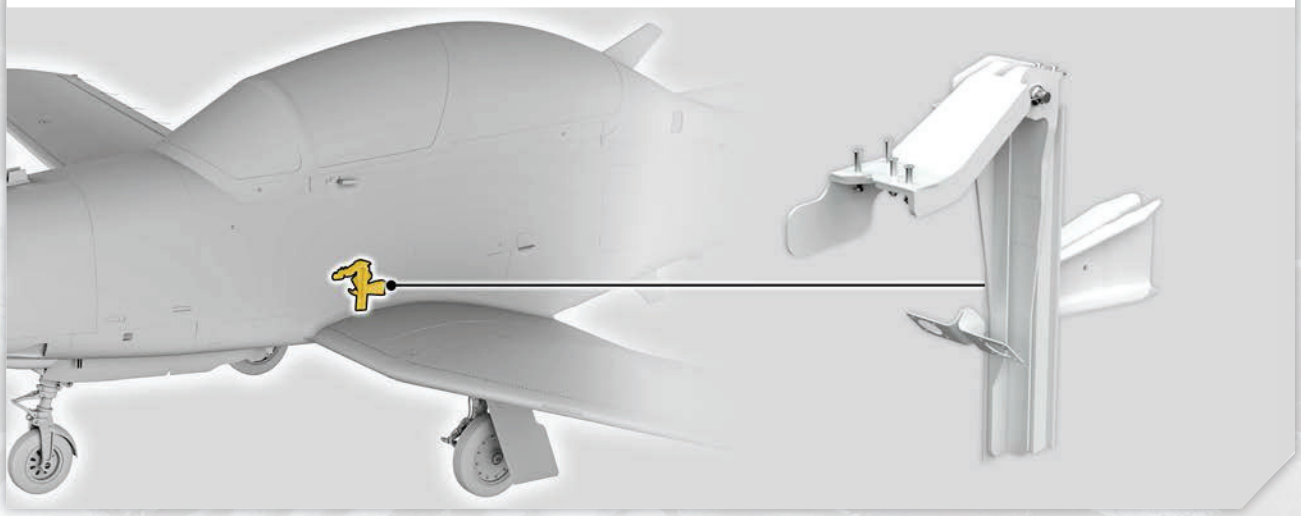
This kit provides parts and information to install a reinforced wing rib 1 for the inboard landing gear door actuator attachment.

EFFECTIVITY

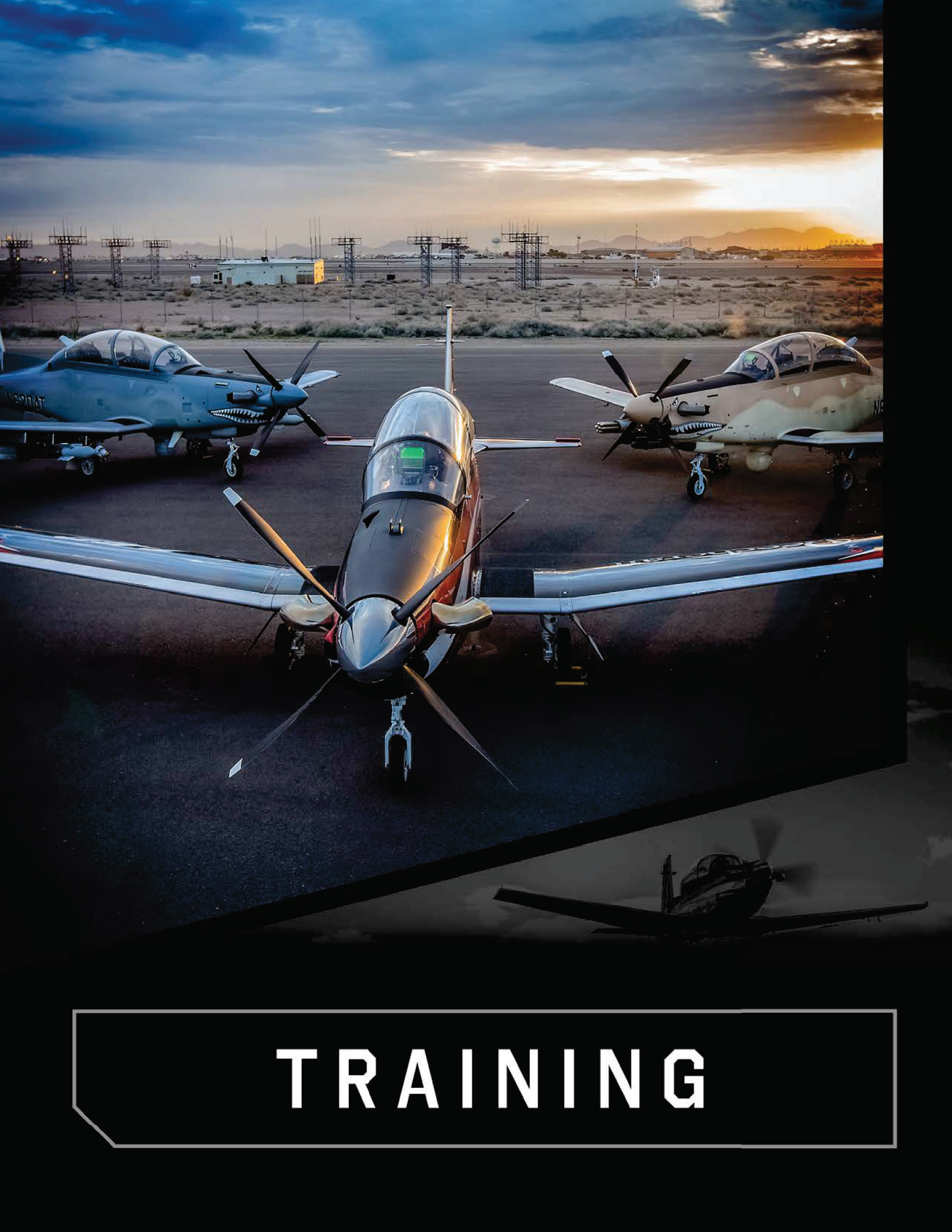
T-6™ All Models

BENEFIT

The kit improves the structural load path and reduces maintenance requirements by eliminating recurring NDI inspections. It also minimizes the risk of structural cracking, lowering associated repair cost and aircraft downtime.



* = FAA CERTIFIED



TRAINING

PILOT SUPPORT FOR T-6 TRAINING EXCELLENCE

Textron Aviation Defense delivers world-class pilot expertise to elevate T-6™ training programs across the globe. Our highly skilled professionals provide:

INITIAL & ADVANCED INSTRUCTION

DESCRIPTION:
Comprehensive instruction tailored to every skill level including training for the trainers.

FLIGHT MANAGEMENT SYSTEM USE

DESCRIPTION:
Seamless, objective-based use of flight information.

EMBEDDED AIRCRAFT SYSTEMS SUPPORT

DESCRIPTION:
Specialized and comprehensive air-to-air and air-to-ground training to prepare students for advanced fighter and attack platforms.

FUNCTIONAL CHECK FLIGHT QUALIFICATION

DESCRIPTION:
Specialized instruction for post-maintenance and system verification flights.

With Textron Aviation Defense, your training program gains the full spectrum of the skills, knowledge and attitudes the T-6™ platform can achieve.

MAINTENANCE TRAINING

PRIMARY TRAINING COURSES

Skilled mechanics are essential to extending the service life of the T-6™ aircraft. Our primary training courses are designed to develop the technical expertise of maintainers, technicians, engineers and field service representatives responsible for aircraft maintenance.

Training is conducted by our top T-6™ experts at the aircraft's home base. Participants gain a comprehensive understanding of T-6™ aircraft systems to support effective maintenance and operations.

AIRFRAME, POWERPLANT, GENERAL

CLASS DURATION: 16 weeks
MAXIMUM CAPACITY: 8 students per class
TRAINING METHODS: Theoretical and Practical

DESCRIPTION:
Provides general instruction on aircraft systems, airframe, engine & power plant systems. Content is structured around Air Transport Association (ATA) chapters to ensure standardized learning and applicability.

AVIONICS ELECTRICAL

CLASS DURATION: 13 weeks
MAXIMUM CAPACITY: 8 students per class
TRAINING METHODS: Theoretical and Practical

DESCRIPTION:
Focuses on detailed instruction of avionic and electrical systems, aligned with ATA chapters. Students gain both conceptual understanding and hands-on experience with aircraft electrical components and avionics integration.

24-MONTH EGRESS

CLASS DURATION: 35 training days (7 weeks)
MAXIMUM CAPACITY: 6 students per class
TRAINING METHODS: Theoretical and Practical

DESCRIPTION:
Designed as initial or refresher training for all T-6™ egress system components, including the ejection seat and seat survival kits.

FIRE RESCUE, CRASH RECOVERY AND EGRESS SAFETY

(FOR NON-PILOT & NON-MAINTENANCE PERSONNEL)

This training program provides essential safety information for personnel who are not directly involved in piloting or maintaining aircraft. It focuses on procedures and best practices for fire rescue, crash recovery and emergency egress in the event of an aircraft incident.

The goal is to enhance safety awareness and preparedness among support personnel, ensuring they can respond appropriately and safely in emergency situations involving aircraft.

FIRE RESCUE

CLASS DURATION: 2 training days
MAXIMUM CAPACITY: 8 students per class

DESCRIPTION:
Fire suppression techniques, rescue protocols and safety procedures around aircraft incidents.

CRASH RECOVERY

CLASS DURATION: 2 training days
MAXIMUM CAPACITY: 8 students per class

DESCRIPTION:
Safe and efficient recovery operations following aircraft crashes, including hazard identification and coordination.

EGRESS SAFETY

CLASS DURATION: 1 training day
MAXIMUM CAPACITY: 8 students per class

DESCRIPTION:
Emergency exit procedures, equipment familiarization and personal safety during aircraft evacuation.

ADVANCED ENRICHMENT COURSES

Textron Aviation Defense offers courses designed to deepen the technical expertise of maintenance personnel, contributing to maintenance efficiency. Each course is tailored to specific systems and procedures, ensuring focused and effective T-6™ aircraft maintenance learning.

Training is not limited to the courses listed below. Upon customer request, TA Defense™ can design custom training programs to meet specific operational or organizational needs.

ENGINE RIGGING & PROPELLER BALANCING

CLASS DURATION: 5 training days (1 week)
MAXIMUM CAPACITY: 5 students per class
TRAINING METHODS: Theoretical and Practical

DESCRIPTION:
Covers engine rigging and propeller dynamic balancing procedures and practices. Propeller balancing may be offered as a separate training course upon request.

FLIGHT CONTROL BALANCING

CLASS DURATION: 5 training days (1 week)
MAXIMUM CAPACITY: 5 students per class
TRAINING METHODS: Theoretical and Practical

DESCRIPTION:
Instruction on balancing procedures for all flight controls.

AVIONICS SYSTEMS TROUBLESHOOTING

CLASS DURATION: 5 training days (1 week)
MAXIMUM CAPACITY: 5 students per class
TRAINING METHODS: Theoretical and Practical

DESCRIPTION:
Focuses on the avionics system and troubleshooting procedures and techniques.

PROPELLER BALANCING

CLASS DURATION: 5 training days (1 week)
MAXIMUM CAPACITY: 4 students per class
TRAINING METHODS: Theoretical and Practical

DESCRIPTION:
Focused training on dynamic balancing practices and techniques.

LANDING GEAR RIGGING / HYDRAULICS

CLASS DURATION: 5 training days (1 week)
MAXIMUM CAPACITY: 5 students per class
TRAINING METHODS: Theoretical and Practical

DESCRIPTION:
Includes system overview, rigging procedures, preparation, checks, adjustments, post rigging and troubleshooting.

FLIGHT CONTROL RIGGING

CLASS DURATION: 5 training days (1 week)
MAXIMUM CAPACITY: 5 students per class
TRAINING METHODS: Theoretical and Practical

DESCRIPTION:
Covers flight control system overview and flight control rigging procedures.

ENVIRONMENTAL SYSTEMS

CLASS DURATION: 5 training days (1 week)
MAXIMUM CAPACITY: 5 students per class
TRAINING METHODS: Theoretical and Practical

DESCRIPTION:
Covers environmental system operation and maintenance procedures.

ENGINE REMOVAL/INSTALLATION

CLASS DURATION: 15 training days (3 weeks)
MAXIMUM CAPACITY: 4 students per class
TRAINING METHODS: Theoretical and Practical

DESCRIPTION:
Covers PT6 engine removal and installation practices.

CANOPY TRANSPARENCY AND CANOPY DETONATING CORD REMOVAL AND REPLACEMENT

CLASS DURATION: 20 training days (4 weeks)
MAXIMUM CAPACITY: 4 students per class
TRAINING METHODS: Theoretical and Practical

DESCRIPTION:
Detailed training on canopy systems, subsystem operation and inspections, canopy fracturing systems overview (CFIS & CFES), explosive component documentation and detonating cord removal and replacement.

CANOPY RIGGING

CLASS DURATION: 10 training days (2 weeks)
MAXIMUM CAPACITY: 5 students per class
TRAINING METHODS: Theoretical and Practical

DESCRIPTION:
Instruction on canopy operation, detonating cord, fracture subsystems and rigging procedures.

ADVANCED EGRESS SYSTEM TRAINING COURSES

These specialized courses focus on scheduled maintenance, inspection, and component replacement for critical life-support and egress systems. Each course combines theoretical instruction with hands-on practice using customer aircraft and equipment.

Students will dive deep into the design, function, and maintenance procedures of the egress system, including the ejection seat, canopy, restraints and life-support hookups.

PARACHUTE RE-PACK TRAINING (24/120-MONTH INSP.)

CLASS DURATION: 20 training days (4 weeks)
MAXIMUM CAPACITY: 6 students per class
TRAINING METHODS: Theoretical and Practical
REQUIREMENTS: 1 customer aircraft (2 survival packs)

DESCRIPTION:
Covers the 24/120-month repack and parachute harness replacement tasks. Also includes the inspecting, folding and packing parachutes in accordance with the governing publications.

120-MONTH EJECTION SEAT TRAINING COURSE

CLASS DURATION: 35 training days (5 weeks)
MAXIMUM CAPACITY: 4 students per class
TRAINING METHODS: Theoretical and Practical
REQUIREMENTS: 1 customer aircraft (2 ejection seats)

DESCRIPTION:
The training includes all tasks associated with ejection seat maintenance and inspections at the 120-month inspection interval, to include unpacking, inspection, repacking and removal/installation of seat survival kit components.

CFIS-B MODIFICATION TRAINING

CLASS DURATION: 10 training days (2 weeks)
MAXIMUM CAPACITY: 4 students per class
TRAINING METHODS: Theoretical and Practical
REQUIREMENTS: 1 aircraft prepared for CFIS-B modification prior to TA Defense™ instructor arrival

DESCRIPTION:
This training is conducted for CFIS-B TLX upgrade modification to the Canopy Fracturing Initiation System (CFIS).

SEAT SURVIVAL KIT REOCCURRING AND COMPONENT REPLACEMENT TRAINING

CLASS DURATION: 7 training days (1 week)
MAXIMUM CAPACITY: 4 students per class
TRAINING METHODS: Theoretical and Practical
REQUIREMENTS: 1 customer aircraft (2 survival packs)

DESCRIPTION:
Instruction on unpacking, inspection, repacking and removal/installation of survival kit and its components.

24-MONTH EJECTION SEAT TRAINING COURSE

CLASS DURATION: 35 training days (7 weeks)
MAXIMUM CAPACITY: 4 students per class
TRAINING METHODS: Theoretical and Practical
REQUIREMENTS: 1 customer aircraft (2 ejection seats)

DESCRIPTION:
The training includes all tasks associated with ejection seat maintenance and inspections at the 24-month inspection interval, to include unpacking, inspection, repacking and removal/installation of seat survival kit components.

INNOVATION FROM THE HEARTLAND

Proud. Proven. Purpose-built for the war fighter. The Beechcraft® T-6 Texan II™ aircraft is manufactured by Textron Aviation Defense, headquartered in the Air Capital of the World – Wichita, Kansas. Wichita has a rich aviation history that dates back to the founding of Cessna® in 1927 and Beechcraft® in 1932. These Textron Aviation brands have served military customers for more than 90 years. With a global fleet surpassing 5 million flight hours, the T-6 Texan II™ is the bestselling military flight trainer on the market and delivers an unbeatable record of reliability. The T-6A, T-6B, T-6C and T-6D produce the world's most formidable aviators.

KIT CONTACT INFORMATION

Textron Aviation Defense Aftermarket

Phone: +1.888.223.8564
Email: ta_defense_aftermarket@txtav.com
Website: defenseparts.txtav.com

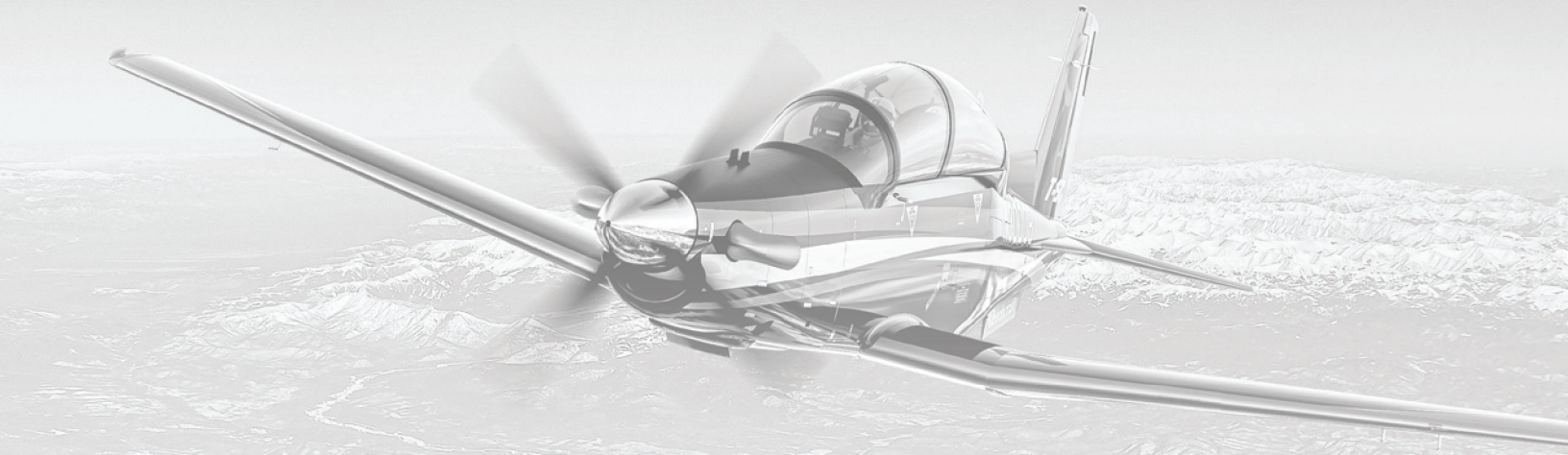
Please reach out for pricing and lead times tailored to your specific needs. You may include technical publication updates if preferred. We also want to explore additional kits designed to support your unique and specialized requirements.

TRAINING CONTACT INFORMATION

Please contact us at **tadefense-training@txtav.com** to discuss your specific needs.

MODIFICATION CENTER

Our Wichita, Kansas modification center is your trusted partner for T-6™ aircraft solutions. Backed by a team of highly skilled technicians and proven track record, we deliver precision and reliability in every service. From expert repairs and advanced modifications to seamless kit installations and comprehensive testing, we provide end-to-end support designed to keep your fleet mission-ready. When performance matters, count on us to exceed expectations.



Textron Aviation is a member of the Textron® family of iconic products, which includes globablly recognized aviation businesses Bell®, ATAC®, and TRU Simulation™ + Training.

TEXTRON AVIATION
DEFENSE

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