T-6A BOLDFACE Emergency Procedures and Operating Limitations		01 June 2023
Name	Checked By	Date

Section 1. BOLDFACE Emergency Procedures

Emergency Engine Shutdown on the Ground

Abort

Engine Failure Immediately After Takeoff (Sufficient Runway Remaining Straight Ahead)

Engine Failure During Flight

Immediate Airstart (PMU NORM)

Uncommanded Power Changes / Loss of Power / Uncommanded Propeller Feather

(left front console)

Inadvertent Departure From Controlled Flight

Fire In Flight, If Fire is Confirmed:

<32>PHYSIOLOGICAL SYMPTOMS

<30>OBOGS Failure / Overtemp / Physiological Symptoms/<32>OXY CRIT Annunciator

Eject

Engine

Maximum Torque

Takeoff / Max _____%

Transient _____% to _____% (_____ Seconds)

Torque above _____% is indicative of a system malfunction.

Maximum ITT

Idle _____°C

Takeoff / Max _____°C

Transient _____ to _____°C (_____ Seconds)

N_1

Idle _____ to _____% Ground, _____% (Min) Flight

Np

Idle _____ to _____%

Takeoff / Max _____%, (_____% ± _____% PMU Off)

Avoid stabilized ground operations from _____ to _____% Np

Oil Pressure

Takeoff / Max _____ to _____ PSI

Aerobatics / Spins _____ to _____ PSI

Aerobatics / Spins (Idle) _____ to _____ PSI (_____ Sec)

Oil Temp

Takeoff / Max _____ to _____ °C

Transient _____ to _____ °C (_____Min)

Maximum Fuel Flow

All phases of flight _____ **PPH**

Prohibited Maneuvers

1. _____ Stalls
2. _____ Spins
3. Aggravated _____
4. Spins with the PCL _____
5. Spins with _____, _____,
   or _____ extended
6. Spins with the _____
7. Spins below _____ feet pressure altitude
8. Spins above _____ feet pressure altitude
9. Abrupt _____ maneuvers
10. Aerobatic maneuvers, spins, or stalls with greater than
    _____ pounds fuel imbalance
11. _____ slides

Airspeed Limitations

Max Airspeed Gear and/or Flaps _____ KIAS

Max Operating Speed _____ KIAS or _____

Mach

Full rudder deflection above _____ KIAS will exceed the limits of the rudder control system.

Starting

Starter Limit: _____ Seconds

Wait _____ Sec, _____ Min, _____ Min, _____ Min after each start/motoring attempt

Maximum ITT _____ to _____ °C for _____ Sec (Do Not Attempt Restart)

Maximum Oil Pressure _____ PSI

Minimum Oil Temperature _____°C

Minimum Battery Voltage _____ V

Pressurization

Normal Above 18,000 Ft MSL _____ ± _____PSI

Overpressurization Safety Valve Opens _____PSI

Fuel

Normal Recovery Fuel _____ Pounds

Minimum Fuel _____ Pounds (_____Pounds Solo)

Emergency Fuel _____ Pounds

Minimum Fuel for Aerobatics _____Pounds per side

Runway

Minimum Landing Distance Available (LDA) _____Feet, or heavy weight flaps _____landing ground roll plus _____ Feet, whichever is greater

Minimum Runway Width _____ Feet

Winds

Maximum Crosswinds

Dry Runway	_____ Knots
Wet Runway	_____ Knots
Icy Runway	_____ Knots
Touch-and-Go	_____ Knots
Formation Takeoff / Landing	_____ Knots
Maximum Tailwind Component for Takeoff	_____ Knots
Maximum Wind with Canopy Open	_____ Knots

Acceleration Limits

Symmetric Clean	_____ to _____ Gs
Symmetric Gear / Flaps	_____ to _____ Gs
Asymmetric Clean	_____ to _____ Gs
Asymmetric Gear / Flaps	_____ to _____ Gs

Intentional Spin Entry

Minimum Altitude for Entry _____ Feet MSL

Minimum Cloud Clearance _____ Feet above clouds

Icing

Maximum Icing Band _____ Feet

Maximum Icing Type _____

Temperature

Ground operation is limited to ambient temperatures of _____ to _____ °C