

**T-6A Boldface Emergency Procedures and Operating Limitations****01 Jul 2020**

Name	Checked By	Date
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**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:****OBOGS Failure / Overtemp / Physiological Symptoms****Eject**

**Section 2. Operating Limits**

**01 Jul 2020**

Engine	Starting
<b>Maximum Torque</b> Takeoff / Max _____ % Transient _____ % ( _____ Seconds) Torque above _____ % is indicative of a system malfunction.	Starter Limit: _____ Seconds Wait _____ Sec, _____ Min, _____ Min, _____ Min after each start/motoring attempt Maximum ITT _____ to _____ °C for _____ Sec ( <i>Do Not Attempt Restart</i> ) Maximum Oil Pressure _____ PSI
<b>Maximum ITT</b> Idle _____ °C Takeoff / Max _____ °C Transient _____ to _____ °C (Up to _____ Seconds)	Minimum Oil Temperature _____ °C Minimum Battery Voltage _____ V
<b>N<sub>1</sub></b> Idle _____ to _____ % Ground, _____ % (Min) Flight	<b>Pressurization</b>
<b>N<sub>p</sub></b> Idle _____ to _____ % Takeoff / Max _____ %, ( _____ % ± _____ % PMU Off) Avoid stabilized ground operations from _____ to _____ % N <sub>p</sub>	Normal Above 18,000 Ft MSL _____ ± _____ PSI Overpressurization Safety Valve Opens _____ PSI
<b>Oil Pressure</b> Takeoff / Max _____ to _____ PSI Aerobatics / Spins _____ to _____ PSI Aerobatics / Spins (Idle) _____ to _____ PSI ( _____ Sec)	<b>Fuel</b>
<b>Oil Temp</b> Takeoff / Max _____ to _____ °C Transient _____ to _____ °C ( _____ Minutes)	Normal Recovery Fuel _____ Pounds Minimum Fuel _____ Pounds ( _____ Pounds Solo) Emergency Fuel _____ Pounds Minimum Fuel for Aerobatics _____ Pounds per side
<b>Prohibited Maneuvers</b>	<b>Runway</b>
1. _____ Stalls 2. _____ Spins 3. Aggravated _____ 4. Spins with the PCL _____ 5. Spins with the _____, _____ 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	Minimum Landing Distance Available (LDA) _____ Feet or heavy weight flaps _____ landing distance plus _____ Feet, whichever is greater Minimum Runway Width _____ Feet
<b>Airspeed Limitations</b>	<b>Winds</b>
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.	<b>Max Crosswinds</b> 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
	<b>Acceleration Limits</b>
	Symmetric Clean _____ to _____ Gs Symmetric Gear / Flaps _____ to _____ Gs Asymmetric Clean _____ to _____ Gs Asymmetric Gear / Flaps _____ to _____ Gs
	<b>Intentional Spin Entry</b>
	Minimum Altitude for Entry _____ Feet MSL Minimum Cloud Clearance _____ Feet above clouds
	<b>Icing</b>
	Maximum Icing Band / Icing Type _____ Feet / _____
	<b>Temperature</b>
	Ground operation is limited to ambient temperatures of _____ to _____ °C