Miltech Simulations MV-22B Tiltrotor

Single-Engine Operations (Engine Failure)

In the event of a Single-Engine Failure, the Osprey can maintain regular flight with degraded performance, via the gearbox driving both proprotors. This is fully simulated on this aircraft product, and it occurs automatically upon loss of one engine.

When flying with a single engine running, the pilot must never perform a VTOL Landing. Landing is exclusively restricted to STOL. Under single-engine conditions, it is recommended to keep a cruise speed of 170 Knots at an altitude of 16,000ft. Beware of overstressing the engine (keep engine indications in Green)

Follow STOL checklist, and adjust nacelle angle, speed and thrust as required.