

1 Pre-Flight Checklist

- Check weather conditions in GeoFS.
- Confirm aircraft fuel level is sufficient for the mission.
- Verify aircraft weight and balance (if applicable).
- Test all flight controls and ensure full functionality.
- Conduct radio check to confirm ATC communication.
- Set transponder and radio frequency.
- Brief all crew members on the mission and emergency procedures.
- Review the intended route and emergency landing sites.
- Confirm patient transport conditions (RP element required).
- Receive clearance from ATC or confirm UNICOM communication.

2 Takeoff Checklist

- Verify engine parameters are within normal range.
- Set flaps and trim for takeoff.
- Announce takeoff over radio: "EMS Flight [Callsign], departing from [Runway]."
- Apply full power and check airspeed indicators.
- Rotate at the correct speed and establish a positive rate of climb.
- Retract landing gear and flaps at a safe altitude.
- Contact ATC or announce departure intentions on UNICOM.

3 In-Flight Checklist

- Maintain assigned altitude and heading.
- Monitor fuel levels and aircraft performance.
- Maintain constant communication with ATC.
- Request direct routing to the emergency site or hospital if needed.
- Announce position updates and estimated time of arrival.
- Prepare for possible diversion due to weather or airspace restrictions.
- Simulate patient condition monitoring (RP element required).
- Confirm landing site details and approach clearance.

4 Landing Checklist

- Review approach procedures and confirm runway or helipad assignment.
- Reduce airspeed and extend flaps and landing gear.
- Announce final approach over radio: "EMS Flight [Callsign], final approach to [Runway/Helipad]."
- Confirm landing clearance with ATC.
- Ensure a smooth landing with a safe touchdown rate.
- Exit runway or helipad quickly to allow other traffic.
- Communicate with ground EMS team for patient transfer (RP element required).

5 Post-Landing & Shutdown Checklist

- Taxi to designated parking or medical facility zone.
- Confirm engine shutdown procedures.
- Secure the aircraft and complete post-flight inspection.
- Conduct a debrief with the crew.
- File a mission report (RP element required).
- Reset the aircraft for the next mission if applicable.