HELICOTER AND SYSTEMS

1. Covers, locking devices, tiedowns, and cables - Remove except main rotor tiedown.
2. Publication - Check.
3. Fuselage (Area 1) - Check.
4. AC switch - Check.
5. Lights - On; check, then off.
6. Fuel - Check quantity.
7. Fuel sample - Check as required.
8. Engine - Start.
10. Rotor blade - Check clear and untied.

THROUGH-FLIGHT CHECKLIST

BEFORE EXTERIOR CHECKS
1. Covers, locking devices, tiedowns, and cables - Removed.
2. Fuel - Check quantity.

EXTTERIOR CHECK
1. Main rotor blade - Check.
2. Fuselage (Area 1) - Check.
3. Fuselage (Area 2) - Check.
4. Armament systems - Check.
5. Tail rotor - Check.
6. Main rotor system - Check.
7. Engine compartment - Check.
8. Armament system - Check.
9. Main rotor system - Check.

ENGINE RUNUP
1. Avionics - On.
2. STARTER GEN switch - STBY GEN.
3. Systems - Check.
4. RPM - 6600.
5. Deleted.
6. Avionics and flight instruments - Check and Set.
7. HIT check - Perform.

BEFORE TAKEOFF
1. RPM - 6600.
2. Systems - Check.
3. Avionics - As required.
4. Crew, passengers, and mission equipment - Check.

BEFORE LANDING
1. RPM - 6600.
2. Crew, passengers, and mission equipment - Check.

ENGINE SHUTDOWN
1. Throttle - Idle two minutes.
2. FORCE TRIM switch - ON.
3. Avionics - As required.
4. Crew, passengers and mission equipment - Check.

BEFORE LEAVING THE HELICOPTER
1. Walk-around - Complete.
4. Secure helicopter.

EXTERIOR CHECK - CABIN
1. Transmission Oil level - Check.
2. Cabin area - Check.
3. Crew and passenger briefing - Complete.

BEFORE STARTING ENGINE
1. Overhead switches and circuit breakers - Set.
2. GPU - Connect for GPU start.
3. RPM - 6600.
4. Deleted.
5. Avionics and flight instruments - Check and set.

HOVER/TAXI CHECK
1. Engine and transmission instruments - Check.
2. Flight instruments - Check.
3. Power - Check as required.

HOVER/TAXI/CHECK
1. Engine and transmission instruments - Check.
2. Flight instruments - Check.
3. Systems - Check.
4. RPM - 6600.
5. Deleted.
6. Avionics and flight instruments - Check and set.

Before choosing any text or language, I need to ask a question: What is the purpose of this manual? Is it for UH-1H/V Helicopters? Yes, this manual is for UH-1H/V Helicopters and provides checklists for various parts of the helicopter.
EMERGENCY PROCEDURES

ENGINE MALFUNCTION - HOVER
1. Autorotate.
2. EMER GOV OPNS.

ENGINE MALFUNCTION - LOW ALTITUDE/LOW AIRSPEED OR CRUISE
1. Autorotate.
2. EMER GOV OPNS.

ENGINE RESTART - DURING FLIGHT
1. Throttle - Off.
2. STARTER GEN switch - START.
3. FUEL switches - OFF.
4. GOV switch - EMER.

ATTEMPT start.
5. Land as soon as possible.

DROOP COMPENSATOR FAILURE
1. EMER GOV OPNS.

ENGINE COMPRESSOR STALL
1. Collective - Reduce.
2. DE-ICE and BLEED AIR switches - OFF.
3. Land as soon as possible.

ENGINE OVERSPEED
1. Collective - Increase.
2. Throttle - Reduce.
3. EMER GOV OPNS.

TRANSMISSION AND DRIVE SYSTEM MALFUNCTIONS

TRANSMISSION OIL - HOT OR LOW PRESSURE
1. Land as soon as possible.
2. EMER SHUTDOWN after landing.

COMPLETE LOSS OF TAIL ROTOR THRUST
1. In-flight - Autorotate.
2. Hover - Autorotate.

MAIN DRIVESHAFT FAILURE
1. Autorotate.
2. EMER SHUTDOWN.

CLUTCH FAILS TO DISENGAGE
1. Throttle - ON.
2. Land as soon as possible.

CLUTCH FAILS TO RE-ENGAGE
1. Autorotate.
2. EMER SHUTDOWN.

COLLECTIVE BOUNCE
1. Relax pressure.
2. Make a significant collective application.
3. Increase collective friction.

FIRE

FIRE ENGINE START
1. Start switch - Press.
2. Throttle - Off.
3. FUEL switches - OFF.

FIRE GROUND
1. EMER SHUTDOWN

FIRE FLIGHT
   1. Land as soon as possible.
   2. EMER SHUTDOWN after landing.
b. Power - Off.
   1. Autorotate.
   2. EMER SHUTDOWN.

ELECTRICAL FIRE - FLIGHT
1. BAT STBY, MAIN GEN switches - Off.
2. Land as soon as possible.
   If landing cannot be made:
      As each of the following steps are accomplished,
      check for source of fire.
   4. MAIN GEN switch - ON.
   5. STARTER GEN switch - STBY GEN.
   6. BAT switch - ON.
   7. Circuit breakers - In one at a time in priority required. GEN & BUS REST first. When malfunctioning circuit is identified, pull applicable circuit breaker.

OVERHEAD BATTERY
1. BAT switch - Off.
2. Land as soon as possible.
3. EMER SHUTDOWN after landing.

SMOKE AND FUME ELIMINATION - COCKPIT AND CABIN

Doors, Windows, and Vents - Open

HYDRAULIC

HYDRAULIC POWER FAILURE
1. Airspeed - Adjust.
2. HYD CONT circuit breaker - Out.
   If hydraulic pressure is not restored.
3. HYD CONT circuit breaker - In.
4. HYD CONT switch - OFF.
5. Land as soon as possible

CONTROL STIFFNESS
1. HYD CONT switch - Off then ON.
   If control response is not restored:
2. HYD CONT switch - Off.
3. Land as soon as possible.

FLIGHT CONTROL SERVO HARDOVER
1. HYD CONT switch - select opposite position.
2. Land as soon as possible.

FLIGHT CONTROL/MAIN ROTOR SYSTEM MALFUNCTIONS
1. Land as soon as possible.
2. EMER SHUTDOWN after landing.

MAST BUMPING
1. Reduce severity of maneuver.
2. Land as soon as possible.

FUEL SYSTEM

FUEL BOOST PUMP FAILURE
If both FUEL BOOST caution lights illuminate:
1. Check fuel pressure.
   If fuel pressure is zero:
   2. PA - 4600 ft or less.
   3. Land as soon as practicable.

ELECTRICAL SYSTEM

MAIN GENERA-OR MALFUNCTION
1. GEN & BUS RESET circuit breaker - In.
2. MAIN GEN switch - RESET then ON.
   If main generator is not restored or if it goes off again:
3. MAIN GEN switch - Off.

DITCHING

DITCHING - POWER ON
1. Cockpit doors - Jettison at a hover.
2. Cabin doors - Open.
3. Crew (except pilot) and passengers - Exit.
4. Hover a safe distance away from personnel.
5. Throttle - Off and autorotate.
6. Pilot - Exit when main rotor has stopped.

DITCHING - POWER OFF
1. Cockpit Doors - Jettison prior to entering water.
2. Cabin Doors - Open prior to entering water.
3. Exit when main rotor has stopped.

---

**TABLE - CAUTION LIGHTS**

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>CORRECTIVE ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>MASTER CAUTION</td>
<td>Check the CAUTION panel for the condition.</td>
</tr>
<tr>
<td></td>
<td>If master caution only (no segment light):</td>
</tr>
<tr>
<td></td>
<td>Land as soon as possible.</td>
</tr>
<tr>
<td>AUX FUEL Low</td>
<td>INT AUX FUEL switches - OFF.</td>
</tr>
<tr>
<td>DC GENERATOR</td>
<td>See emergency procedure.</td>
</tr>
<tr>
<td>INST INVERTER</td>
<td>Switch to other inverter.</td>
</tr>
<tr>
<td>EXTERNAL POWER</td>
<td>Close door.</td>
</tr>
<tr>
<td>XMSN OR PRESS</td>
<td>Land as soon as possible.</td>
</tr>
<tr>
<td>XMSN OR HOT</td>
<td>Land as soon as possible.</td>
</tr>
<tr>
<td>ENGINE INLET AIR</td>
<td>Land as soon as possible.</td>
</tr>
<tr>
<td>CHIP DETECTOR</td>
<td>Land as soon as possible.</td>
</tr>
<tr>
<td>FUEL BOOST</td>
<td>Land as soon as possible.</td>
</tr>
<tr>
<td>20-MIN FUEL</td>
<td>Land as soon as possible.</td>
</tr>
<tr>
<td>IFF</td>
<td>Land as soon as possible.</td>
</tr>
<tr>
<td>ENG OIL PRESS</td>
<td>Information/system status.</td>
</tr>
<tr>
<td>ENG CHIP DET</td>
<td>Land as soon as possible.</td>
</tr>
<tr>
<td>GOV EMER</td>
<td>Land as soon as possible.</td>
</tr>
<tr>
<td>ENG ICE DET</td>
<td>Land as soon as possible.</td>
</tr>
<tr>
<td>ENG FUEL PUMP</td>
<td>Land as soon as possible.</td>
</tr>
<tr>
<td>ENG ICING</td>
<td>Land as soon as possible.</td>
</tr>
<tr>
<td>FUEL FILER</td>
<td>Land as soon as practicable.</td>
</tr>
<tr>
<td>HYD PRESSURE SPARE</td>
<td>Land as soon as practicable.</td>
</tr>
</tbody>
</table>

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