

IV. PREFLIGHT LESSON ON A MANEUVER TO BE PERFORMED IN FLIGHT **REQUIRED**

- A. Maneuver Lesson

V. PREFLIGHT PROCEDURES **AT LEAST ONE TASK REQUIRED**

- A. Preflight Inspection
- B. Single-Pilot Resource Management
- C. Engine Starting and Rotor Engagement
- D. Before Takeoff Check

VI. AIRPORT AND HELIPORT OPERATIONS **AT LEAST ONE TASK REQUIRED**

- A. Radio Communications and ATC Light Signals
- B. Traffic Patterns
- C. Airport and Heliport Markings and Lighting

VII. HOVERING MANEUVERS **AT LEAST ONE TASK REQUIRED**

- A. Vertical Takeoff and Landing
- B. Surface Taxi
- C. Hover Taxi
- D. Air Taxi
- E. Slope Operation

VIII. TAKEOFFS, LANDINGS, AND GO-AROUNDS **AT LEAST ONE TAKEOFF & ONE APPROACH TASK**

- A. Normal and Crosswind Takeoff and Climb
- B. Maximum Performance Takeoff and Climb
- C. Rolling Takeoff
- D. Normal and Crosswind Approach
- E. Steep Approach
- F. Shallow Approach and Running/Roll-On Landing
- G. Go-Around
- H. Approach and Landing with Simulated Powerplant Failure – Multiengine Helicopter

IX. FUNDAMENTALS OF FLIGHT **AT LEAST ONE TASK REQUIRED**

- A. Straight-and-Level Flight
- B. Level Turns
- C. Straight Climbs and Climbing Turns
- D. Straight Descents and Descending Turns

X. PERFORMANCE MANEUVERS **AT LEAST TASK B & C**

- A. Rapid Deceleration
- B. Straight-In Autorotation
- C. 180° Autorotation

XI. EMERGENCY OPERATIONS **AT LEAST ONE TASK FROM A, B, C, OR D IN FLIGHT**

- A. Power Failure at a Hover
- B. Power Failure at Altitude
- C. Settling-With-Power
- D. Low Rotor RPM Recovery
- E. Anti-torque System Failure
- F. Dynamic Rollover
- G. Ground Resonance
- H. Low "G" Conditions
- I. Systems and Equipment Malfunctions
- J. Emergency Equipment and Survival Gear

AT LEAST ONE TASK FROM E, F, G, H, I OR J ON THE GROUND

XII. SPECIAL OPERATIONS **AT LEAST ONE TASK REQUIRED**

- A. Confined Area Operation
- B. Pinnacle/Platform Operation

XIII. POSTFLIGHT PROCEDURES **REQUIRED**

- A. After-Landing and Securing