

WINGS Flight Activity # A201013-01 Worksheet SFAR 73 Flight Review

DATE:

LOCATION:

AIRMAN:	AIRMAN CERTIFICATE #:	AIRMAN EMAIL:	TYPE AIRCRAFT/SIMULATOR USED	BLOCK TIME
CFI:	CFI CERTIFICATE #:	CFI EMAIL:	WINGS Flight Activity Completed: <input type="checkbox"/> YES <input type="checkbox"/> NO	

NOTE: This worksheet is optional for use by both the airman and flight instructor in conducting the preflight briefing and the post flight assessment. At the completion of the flight, an assessment will be conducted independently by the airman and the flight instructor, and then compared during the post flight critique.

The Flight Instructor will ensure the airman possesses the knowledge, ability to manage risks, and skills consistent in the performance of flight maneuvers specifically listed in SFAR 73 and the Areas of Operation that follow in **bold text** to the ACS completion standards. While this **WINGS** Flight Activity targets specifically the Area(s) of Operation highlighted or in bold text by the instructor, Airmen should satisfactorily demonstrate all pertinent parts of the ACS in their Preflight, Flight, and Post Flight activities consistent with their certificate or rating. For WINGS credit, the airman will satisfactorily demonstrate the maneuvers and procedures listed in **SFAR No. 73 and the highlighted or bold text** below for the privileges of the certificate or rating being exercised in order to act as Pilot-in-Command (PIC).

FLIGHT MANEUVERS (FM) GRADE

- D - Describe** – at the completion of the flight, the Airman will be able to describe the physical characteristics and cognitive elements of the flight activities. *Instructor assistance is required to successfully execute the maneuver.*
 - E - Explain** – at the completion of the flight, the Airman will be able to describe the flight activity and understand the underlying concepts, principles, and procedures that comprise the activity. *Significant instructor effort will be required to successfully execute the maneuver.*
 - P - Practice** – at the completion of the flight, the Airman will be able to plan and execute the flight. *Coaching, instruction, and/or assistance from the CFI will correct deviations and errors identified by the CFI.*
 - C - Perform** – at the completion of the flight, the Airman will be able to perform the activity without assistance from the CFI. *Errors and deviations will be identified and corrected by the Airman in an expeditious manner.* At no time will the successful completion of the activity be in doubt. (“Perform” will be used to signify that the Airman is satisfactorily demonstrating proficiency in traditional piloting and systems operation skills for the certificate or rating being exercised in order to act as Pilot in Command.)
- N/O - Not Observed** – Any event not accomplished or required

SINGLE PILOT RESOURCE MANAGEMENT GRADE (SRM)

- E - Explain** – the Airman can verbally identify, describe, and understand the risks inherent in the flight. *The Airman will need to be prompted to identify risks and make decisions.*
 - P - Practice** – the Airman is able to identify, understand, and apply SRM principles to the actual flight situation. *Coaching, instruction, and/or assistance from the CFI will quickly correct minor deviations and errors identified by the CFI.* The Airman will be an active decision maker.
 - M/D - Manage/Decide** - the Airman can correctly gather the most important data available both within and outside the cockpit, identify possible courses of action, evaluate the risk inherent in each course of action, and make the appropriate decision. *Instructor intervention is not required for the safe completion of the flight.* (“M/D” will be used to signify that the Airman is satisfactorily demonstrating proficiency in SRM skills for the certificate or rating being exercised in order to act as Pilot in Command.)
- N/O - Not Observed** – Any event not accomplished or required

Principal ACS Areas of Operations for this **WINGS** Flight Activity (Instructor Highlighted / bold Items Required for **WINGS** Credit):

AREA OF OPERATION	GRADE		AREA OF OPERATION	GRADE	
	FM	SRM		FM	SRM
I. PREFLIGHT PREPARATION			IV. HOVERING MANEUVERS		
1. CERTIFICATES AND DOCUMENTS			1. VERTICAL TAKEOFF AND LANDING		
2. AIRWORTHINESS REQUIREMENTS			2. SLOPE OPERATIONS		
3. WEATHER INFORMATION			3. SURFACE TAXI		
4. CROSS-COUNTRY FLIGHT PLANNING			4. HOVER TAXI		
5. NATIONAL AIRSPACE SYSTEM			5. AIR TAXI		
6. PERFORMANCE AND LIMITATIONS					
7. OPERATION OF SYSTEMS			V. TAKEOFFS, LANDINGS, AND GO-AROUNDS		
8. AEROMEDICAL FACTORS			1. NORMAL AND CROSSWIND TAKEOFF AND CLIMB		
9. A REVIEW OF THE AWARENESS TRAINING SUBJECT AREAS OF PARAGRAPH 2(A)(3) OF SFAR NO. 73.			2. NORMAL AND CROSSWIND APPROACH		
			3. MAXIMUM PERFORMANCE TAKEOFF AND CLIMB		
II. PREFLIGHT PROCEDURES			4. STEEP APPROACH		
1. PREFLIGHT INSPECTION			5. ROLLING TAKEOFF		
2. COCKPIT MANAGEMENT			6. CONFINED AREA OPERATION		
3. ENGINE STARTING AND ROTOR ENGAGEMENT			7. PINNACLE/PLATFORM OPERATIONS		
4. BEFORE TAKEOFF CHECK			8. PINNACLE/PLATFORM OPERATIONS		
			9. SHALLOW APPROACH AND RUNNING/ROLL-ON LANDING		
III. AIRPORT AND HELIPORT OPERATIONS			10. GO-AROUND		
1. RADIO COMMUNICATIONS AND ATC LIGHT SIGNALS					
2. TRAFFIC PATTERNS					
3. AIRPORT/HELIPORT RUNWAY, HELIPAD, AND TAXIWAY SIGNS, MARKINGS, AND LIGHTING					

WORKSHEET CONTINUES ON BACK

NOTES:

VI. PERFORMANCE MANEUVERS

- 1. RAPID DECELERATION
- 2. STRAIGHT IN AUTOROTATION
- 3. 180 DEGREE AUTOROTATION

VII. NAVIGATION

- 1. PILOTAGE AND DEAD RECKONING
- 2. NAVIGATION SYSTEMS AND RADAR SERVICES
- 3. DIVERSION
- 4. LOST PROCEDURES

VIII. EMERGENCY OPERATIONS

- 1. POWER FAILURE AT A HOVER
- 2. POWER FAILURE AT ALTITUDE
- 3. SYSTEMS AND EQUIPMENT MALFUNCTIONS
- 4. SETTLING-WITH-POWER
- 5. ENERGY MANAGEMENT
- 6. LOW ROTOR RPM RECOGNITION AND RECOVERY
- 7. ROTOR RPM DECAY
- 8. ENGINE ROTOR RPM CONTROL WIHOUT THE USE OF THE GOVERNOR
- 9. MAST BUMPING
- 10. EFFECTS OF LOW G MANEUVERS AND PROPER RECOVERY PROCEDURES
- 11. GROUND RESONANCE
- 12. DYNAMIC ROLLOVER
- 13. EMERGENCY EQUIPMENT AND SURVIVAL GEAR

XI. NIGHT OPERATIONS

- 1. NIGHT PREPARATION

X. POST-FLIGHT PROCEDURES

- 2. AFTER LANDING AND SECURING