

O-4071
MONITOR WEATHER THROUGHOUT THE OPERATING AREA

CONDITIONS

You are assigned to a flight crew for a mission. Collect weather data to ensure safe flight planning.

OBJECTIVES

Be able to utilize multiple systems for collecting updated weather reports to aid in flight planning.

TRAINING AND EVALUATION

Training Outline

1. There are a number of factors that impact safe flight. Crew training, rest, and proper flight planning are essential.
2. Weather is a key factor to safe flight in most parts of the country through most of the year. There are several systems available where you can obtain updated weather information for your flight planning.
 - a. Flight Services
 - b. FAA phone in requests
 - c. Base weather briefings where available
3. There are several kinds of weather that can impact safe flight.
 - a. Icing
 - b. Reduced Visibility (due to fog or overcast conditions)
 - c. Wind and Thunderstorms
4. Determine with the pilot what constitutes safe flight conditions for the type of aircraft you'll be operating in and level of experience of the crew.

Additional Information

More detailed information on this topic is available in the Aircrew Reference Text.

Evaluation Preparation

Setup: Provide access to weather information systems.

Brief Student: This task is best accomplished at a flying event, mission, or mission base. No setup is required. Utilize local systems to identify at least two methods of obtaining up-to-date weather information and describe how those systems are accessed and identify three weather conditions to consider during flight planning.

Evaluation

Performance measures

Results

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|--|---|---|
| 1. Did the student correctly identify two weather information systems and how to use them? | P | F |
| 2. Did the student correctly identify three weather hazards to safe flight? | P | F |

Student must receive a pass on all performance measures to qualify in this task. If the individual fails any measure, show what was done wrong and how to do it correctly.