

UNIT PLAN

UNIT 3: WEATHER

Discussion topics:	Sources of Weather
Objective:	To determine that the applicant is knowledgeable in sources of weather
Introduce:	<p>The applicant demonstrates understanding of:</p> <p>Internet weather briefing and sources of weather available for flight planning purposes.</p> <p>Aviation routine weather reports (METAR).</p> <p>Terminal aerodrome forecasts (TAF).</p> <p>Weather charts.</p> <p>Automated surface observing systems (ASOS) and automated weather observing systems (AWOS).</p>
Completion standards:	Demonstrates understanding of Weather. Minimum of 80% on the post test.
References:	AC 107-2; AIM; FAA-H-8083-25; FAA-G-8082-22
Suggested homework assignments:	<ul style="list-style-type: none"> ● Review online video. ● Review Remote Pilot Book Chapter 3, Weather. ● Review Airman Knowledge Testing Supplement, Figure 12 (METAR) and Figure 15 (TAF). ● Review questions assigned
Discussion topics:	Effects of Weather on Performance
Objective:	To determine that the applicant is knowledgeable of effects of weather on performance
Introduce:	<ul style="list-style-type: none"> ● Density altitude ● Wind and currents ● Atmospheric stability, pressure, and temperature ● Air masses and fronts ● Thunderstorms and microbursts ● Tornadoes ● Icing ● Hail ● Fog ● Ceiling and visibility ● Lightning
Review:	<ul style="list-style-type: none"> ● Sources of Weather

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Suggest homework assignments:	<ul style="list-style-type: none"> • Review online video. • Review Remote Pilot Book Chapter 3, Weather. • Review Airman Knowledge Testing Supplement, Figure 12 (METAR) and Figure 15 (TAF). • Review questions assigned