



# ENVELOPE OF SAFETY: KNOW YOUR LIMITS

**SAFE FLIGHT OPERATIONS  
ARE NO ACCIDENT.**

**CHOOSE THE CONDITIONS  
IN WHICH YOU FLY, DON'T  
LET THEM CHOOSE YOU.**

Flying within the Envelope of Safety will not guarantee a safe flight.

Pilots must comply with FARs, exercise sound judgment and maintain a high level of flying proficiency in order to minimize the risks associated with flight.

## RECURRENT TRAINING

Complete every 6 months

## ICING CONDITIONS

Flight Into Icing Conditions is Hazardous  
Refer to Airplane Flight Manual Limitations

## MINIMUM RUNWAY LENGTH

2.5 times the expected  
takeoff or landing distance

PILOT QUALIFICATION	DAY		NIGHT	
	Less than 100 hours in Type	Greater than 100 hours in Type	Less than 100 hours in Type	Greater than 100 hours in Type
<b>NON-INSTRUMENT RATED OR NOT INSTRUMENT PROFICIENT</b> File IFR anytime weather is below 3000' / 5 SM	Operate at or Above <b>3000' CEILINGS</b> <b>5 SM VISIBILITY</b>		Operate at or Above <b>5000' CEILINGS</b> <b>10 SM VISIBILITY</b>	
<b>INSTRUMENT RATED AND PROFICIENT</b> Conduct 3 instrument approaches in actual or simulated instrument conditions within 60 days	Operate at or Above <b>1000' / 2 SM</b> Above Published Approach Minimums	Operate at or Above <b>500' / 1 SM</b> Above Published Approach Minimums	Operate at or Above <b>3000' CEILINGS</b> <b>5 SM VISIBILITY</b>	Operate at or Above <b>1000' / 2 SM</b> Above Published Approach Minimums
<b>LOW IFR PROFICIENT</b> Demonstrate ability to conduct instrument approach to minimums under actual or simulated instrument conditions within 60 days	Operate at or Above <b>500' / 1 SM</b> Above Published Approach Minimums	Operate at or Above <b>PUBLISHED APPROACH MINIMUMS</b>	Operate at or Above <b>1000' / 2 SM</b> Above Published Approach Minimums	Operate at or Above <b>1000' / 2 SM</b> Above Published Approach Minimums
<b>WIND LIMITS FOR TAKEOFF AND LANDING</b> Decrease wind limits by 5 kts if not landing current (3 landings within 60 days)	Sustained: <b>20 Kts</b> Crosswind: <b>15 Kts</b> Max Gust: <b>10 Kts</b>	Sustained: <b>35 Kts</b> Crosswind: <b>Max Demstd</b> Max Gust: <b>15 Kts</b>	Sustained: <b>15 Kts</b> Crosswind: <b>10 Kts</b> Max Gust: <b>5 Kts</b>	Sustained: <b>30 Kts</b> Crosswind: <b>15 Kts</b> Max Gust: <b>10 Kts</b>