

Warbird Operational Risk Assessment Checklist

The following risk assessment checklist is designed to be used as a tool to aid warbird pilots in evaluating the risk factors associated with a flight at a particular site on a given day. This tool should be used as a self-assessment guide to help a warbird pilot plan flight activities and manage risk scenarios accordingly.

Question	1	2	3	total
What is your age?	Under 50	50-70	Over 70	
What is your total flight time?	Over 1500	300-1500	Under 300	
How many times have you flown this aircraft in the last 90 days?	More than 10	4-10	3 or fewer	
How many flight hours do you have in this model aircraft?	More than 200	50-200	50 or fewer	
How many flights have you had at this site/airfield?	More than 10	4-10	3 or fewer	
How many hours of sleep did you get last night?	More than 7	5-7	Less than 5	
How long have you been at the airport today?	Less than 8 hrs	8-10 hrs	More than 10 hrs	
What is your stress level?	low	moderate	High	
What is the temperature?	65-85 deg	32-65 85-100	Less than 32 Above 100	
What is the density altitude?	1500' or less	1500' to 4,000'	Over 4000'	
What are the winds?	Less than 10 mph	10-15 mph	Greater than 15	
What is the cross-wind component?	Less than 3	3-10	Greater than 10	
What are your airplane's flight characteristics?	Forgiving/easy	Moderate	Demanding	
How comfortable are you in your airplane?	very	moderately	Not at all - don't fit	
What is the airport activity level?	Low	moderate	Busy	
What is the runway length?	More than 5000'	3000-5000'	Less than 3000'	
What is the runway surface?	Smooth, wide grass	wide paved level	Narrow paved or rough	
How are the approaches?	Good - no obstructions	Few/Some obstructions/ lite windshear	Many Obstructions / windshear	
What are the alternate landing options?	Multiple runways	Nearby airfields	None	
How complex is your flight?	Low (solo, area fam, repositioning)	Moderate (singleship fly-bys, rides)	High (air show, formation)	
Total points				

<30 points = Green, 31-45 points = Yellow, >45 points = Red