

		1	2	3	4	5	Rating
Operational Factors	Type of Operation	Normal	Demo	Training/ Recurrency	Initial Flight	Test Flight	
	Duration of Operation	< 1 hour	1-2 hours	2-4 hours	4-6 hours	>6 hours	
	Simultaneous Operations	1 AV		2 AVs	3 AVs	>3 AVs	
	Single Person Operations						
Pilot in Command Factors	Hours of Rest in Last 24 Hours	>8	7-8	5-6	3-5	<3	
	# of Flights in Type	>100	50-100	25-50	5-25	<5	
	# of Flights in Last 90 Days	>20	15-20	10-14	5-9	<5	
	Total UAS Hours	>500	100-500	50-100	25-50	<25	
Environmental Factors	Current Wind	<8 kts	9-12 kts	13-15 kts	16-20 kts	>20 kts	
	Forecast Wind for Landing Time	<8 kts	9-12 kts	13-15 kts	15-20 kts	>20 kts	
	Weather Forecast for Operation	Clear	Reducing Visibility	Precip		T-Storm	
	Surrounding Area	Open Field (<i>or Indoor, with no spectators</i>)	Vegetation	Mountainous (<i>or Indoor, with spectators</i>)	Urban	Crowds/ Assemblies	
Total Risk Score →							
No unusual hazards. Use normal flight planning and operating procedures. Requires PIC signoff.							10-25
Somewhat elevated risk. Conduct flight planning with extra care. Review personal minimums and operating procedures to ensure that all standards are being met. Consider alternatives to reduce risk. Requires Full-Time UAS Staff Position signoff.							25-35 (or any 2 single scores of 4)
Consider delaying flight until conditions improve and risk is reduced. Requires UAS Program Chair signoff. Conditions present much higher than normal risk. Conduct flight planning with extra care and review all elements to identify those that could be modified to reduce risk. If available, consult with a more experienced pilot or instructor for guidance before flight. Develop contingency plans before flight to deal with high risk items. Decide beforehand on alternates and brief crewmembers on special precautions to be taken during the flight.							>35 Total (or any single score of 5)