

Flight Risk Assessment Tool				
Date: _____ Current Time: _____ ETD: _____		Eliminate or Mitigate	Risk Value (1)	Flight Value
Registration / Tail No: _____ Call Sign: _____				
Departure Airport: _____ Arrival Airport: _____ IP: _____				
Student #1: _____ Student #2: _____				
Qualifications and Experience				
1-1	Pilot in command with less than 100 hours in make and model		3	
1-2	Single Pilot (Solo) Flight		5	
1-3	Pilot in command with less than 100 hours in last 90 days		3	
1-4	Duty day projected greater than 11 hours	E	4	
1-5	Flight time of Pilot-in-Command greater than 7 hours in the duty day	E	4	
1-6	Rest less than 10 hours prior to the duty day		4	
1-7	Impairing prescription drug or alcohol use within 24 hours		3	
1-8	Domestic/family illness/distraction issues		5	
1-9	Last meal more than 4 hours ago	E	3	
1-10	Student Pilot solo flight in an aircraft different than last flown	E/M	4	
1-11	Solo cross country flight to an unfamiliar airfield	E/M	4	
Operating Environment				
2-1	Flight over mountainous terrain	E/M	5	
2-2	Control tower not operational at ETA or ETD, or uncontrolled airport	E/M	4	
2-3	Circling approach required	E/M	3	
2-4	Density altitude greater than 4,000 feet	M	5	
2-5	Wet or contaminated runway	E/M	4	
2-6	Twilight/Night operation	E/M	5	
2-7	Flight into known icing conditions	E/M	5	
2-8	Reported or forecasted weather within 200 feet or 800 meters of minimums	E/M	5	
2-9	Less than 2 hours' notice to beginning of duty period		3	
2-10	Unimproved or unpaved runway	E/M	4	
2-11	No destination weather reporting	E/M	3	
2-12	Thunderstorms at departure or destination or enroute	E	4	
2-13	PIREP moderate turbulence reports along route of flight	M	4	
2-14	Surface wind greater than 25 knots	E	4	
2-15	Winds within 3 knots of max documented crosswind proficiency of the PIC or AFM	E/M	5	
2-16	A manager waived any operating limitations or company policies		4	
2-17	Temperature above 40 degrees Celsius or heat index above 43 as reported by Tower/ATIS (<i>During daytime hours</i>)	M	5	
Equipment				
3-1	On board equipment that is inoperative and AFM limitations that will directly impact the lesson or adversely affect the flight	E/M	5	
3-2	Maintenance ferry flight	M	3	
			Total:	
Insert a Check Mark ✓ next to the assessment				
If total <= 16 Go				
If total >= 17 Consult with flight supervisor about mitigations; consider not dispatching ⁽²⁾				
If total >= 23 No dispatch ⁽³⁾				

Mitigation Action(s)	
Please describe any mitigation action(s) that were taken, if applicable.	
Comments	
Please insert any additional comments, if necessary (e.g. flight cancelled, rescheduled...)	
Name of Student-Pilot:	Name of Flight Instructor or, if applicable, Chief Flight Instructor:
Signature of Student-Pilot:	Signature of Flight Instructor or, if applicable, Chief Flight Instructor:

NOTE(s):

1. The Risk Values identified in the above risk column are absolute values and may only be reduced to 0 when it has been deemed that **elimination** action(s) have been taken that satisfactorily reduce the hazard or risk to as low as reasonably practical.
2. If the score falls in the 'yellow' risk category (Total = 17-22) **it MUST be mitigated**. The PIC need not to go to their supervisor for review and sign-off of the mitigation plan and avoidance strategies if the PIC has 2,500 total flight hours or more.
3. For those flights that fall into the 'red' flight risk category, and are unable to be reduced into the 'yellow' or 'green' category, the **flight must be cancelled**.
4. All flight crew(s) must still complete a FRAT prior to flight, notwithstanding the total flight time of the PIC.

Definitions

1. Eliminate- completely remove or get rid of risk (Risk Value is rescored to 0).
2. Mitigate- to lessen risk; proving experience has been recorded/logged in training record; or by providing additional training/briefing with pilot and make a record (on FRAT or training record). The risk value is still scored, but by providing "mitigation" in the form of additional training or briefing the risk is lessened.
3. 1-5: This Risk Value is present if this flight exceeds 7 hours on this day.
4. 1-9: Meal- the portion of food taken at one time to satisfy appetite.
5. 2-1: Mountainous terrain- Red hatched area on published CAE OAA chart and/or--MOUNTAINOUS AREA (ICAO) - An area of changing terrain profile where the changes of terrain elevation exceed 3000 feet within a distance of 10NM.
6. 2-3: Circling approach- as per Instrument Flight Rules; IMC conditions.
7. 2-6: Twilight- 15 minutes before sunrise/sunset till 15 minutes after sunrise/sunset.