

RISK ANALYSIS: THE 4M's

	YES	NO
METHOD		
1. Is there an alternative method that would accomplish the mission more safely and/or efficiently (including accomplishment by ground methods)?	_____	_____
2. Is the method selected approved and do detailed instructions for safe accomplishment exist?	_____	_____
3. Have adequate flight following and communications methods been established?	_____	_____
MEDIUM		
1. Can factors of terrain, altitude, temperature, or weather that could adversely affect the mission's success be mitigated?	_____	_____
2. Will the mission be conducted at low (below 500' AGL) or high altitudes – can the same objective be achieved by flying at a higher altitude AGL?	_____	_____
3. If low level flight, have all known aerial hazards been identified during the planning process and are they known to all participants?	_____	_____
4. If there is a potential for an airspace conflict (military, media, or sightseeing aircraft), and have mitigating measures been taken?	_____	_____
5. Have adequate landing areas been identified and/or improved to minimum requirements?	_____	_____
MAN (GENERIC)		
1. Is the pilot properly carded for the mission to be conducted?	_____	_____
2. Will the flight be conducted within the pilot flight time/duty day requirements and limitations?	_____	_____
3. Have the minimum number of personnel necessary to accomplish the mission safely been assigned, and do they meet personnel qualifications and experience requirements?	_____	_____
4. Will adequate personnel (flight and ground crew) and pilot briefings be conducted prior to the flight?	_____	_____
5. Are users aware that the pilot in command has final authority over any operations conducted involving the aircraft or its occupants?	_____	_____
6. Are all users aware that anyone involved may terminate a flight if an unsafe condition is perceived to exist?	_____	_____
MACHINE		
1. Is the aircraft capable of performing the mission in the environment (altitude, temperature, terrain, weather) where the operation will be conducted?	_____	_____
2. Is the aircraft properly carded for the intended mission?	_____	_____

Note: Be aware that a "NO" answer does not preclude the flight from occurring. A "NO" answer means that you should perform a risk assessment of that particular area or concern and mitigate the hazards associated with the risk.