

## NEW HAMPSHIRE WING NON-FLIGHT OPERATIONS RISK ASSESSMENT

**INDIVIDUAL ASSESSMENT**       **TEAM ASSESSMENT**

Individual Name & Grade: _____ Team Leader Name & Grade: _____			
Driver Name & Grade: _____		Driver Lic No: _____	
Date: _____	Time: _____	Mission Number: _____	Sortie Number: _____
Mission Base: _____		Home Unit: (Name/Number) _____	
Vehicle Registration: _____		CAP Vehicle Number: _____	Radio Call Sign: _____
GBD: _____			
Name	Grade	Unit	Signature

Hazard Identification	Low	Pts	Moderate	Pts	High	Pts	REMARKS
<b>Human</b>							
Rest	Awake <12 hrs	0	Awake >=12 & <=16 hrs	5	Awake >= 16 hrs	NG	
Physical Ability	Complete	0	Partial	5	Inadequate	NG	
Training	Hilly trained	0	Intermediate level	5	Unqualified	10	
Experience	Extensive & or recent	0	Mod exp & or intermediate curr	5	Little or no exp & or Non-current	10	
Health - Physical	Good	0	Fair, No Meds	5	Poor, On Meds	NG	
Health - Mental	Good	0	Fair, No Meds	5	Poor, On Meds	NG	
Activity Duration	Comfortable	0	Slightly fatigued	5	Exhausted	NG	
<b>Environment</b>							
Weather	Good	0	Fair	5	Poor	10	
Hazardous Environment	None	0	Medium	5	High	10	
Surface Condition	Good	0	Fair	5	Poor	10	
Planning	Complete	0	Partial	5	None	NG	
Complexity	Low	0	Medium	5		10	
<b>Equipment</b>							
Condition	Fully operational	0	Partially functional safety intact	5	Marginal operation or inoperative	NG	
Capability	Equip capable of task	0	Marginally capable	5	Not capable	NG	
Safety Equipment	Complete safety equipment	0	Partial safety equipment	10	No safety equipment	NG	

Sub-Total 1	Sub-Total 2
	Sub-Total 1
Total Points	

TOTAL POINTS	OVERALL RISK ASSESSMENT	AUTHORIZATION REQUIRED
0 - 50	Low to Moderate	Mission GBD/Sqdn CC May Authorize Activity/Sortie
Over 50 Points	High Risk	Must be authorized by IC, Wg or Sqdn CC or his/her designee
NG = No Go	NO GO	Activity/Sortie Not Authorized

See reverse side for Hazard Identification descriptions

# **NEW HAMPSHIRE WING NON-FLIGHT OPERATIONS RISK MANAGEMENT Hazard Identification Descriptions**

## **Human**

- > Rest - Rest has to do with the amount of time since the Individual had physical rest prior to the activity in question. Accumulated fatigue over several days through sleep deprivation may negatively impact this area to the point where being awake only 5 or 6 hours may still result in an individual too tired to effectively participate in an activity.
- > Physical Ability - This hazard deals with the actual physical ability of the individual to accomplish the task. Although someone is in good health, that does not mean they are capable of going out and running a marathon without some relatively long-term training program prior to the event.
- > Training - The skills required to accomplish the task are the topic here. Without the proper training, scuba diving to a shipwreck at 150 ft depth in the open ocean is a very risky endeavor.
- > Experience - Even with excellent training, some activities are dangerous if not done enough or recently. An abundance or recent experience is very worthwhile to many activities.
- > Health - Physical - The condition of one's body is the topic here. Driving while on medication that causes drowsiness is hazardous, as is even one alcoholic beverage on certain medications.
- > Health - Mental - The state of mind of the individual involved is important. The anticipation of a big event and the resolve to get there no matter what can lead to devastating results. Family or financial problems can also have a major affect on the ability of one to think clearly during a task.
- > Activity Duration - Too much of almost anything can be bad. Repetitive tasks, exposure to noise and the elements as well as overexertion of muscles all can be helped by reduced duration.

## **Environment**

- > Weather - Temperature, humidity, wind, precipitation, visibility, are all examples of weather that may affect the outcome of an event.
- > Hazardous Environment - Hazardous environment includes toxic substances such as paint or adhesive fumes dust or other particulates in the air, excessive noise or vibration levels,
- > Surface Condition - The surface condition hazard deals with the location of the activity. Items included would be road conditions for driving (snow, ice, winding mountainous road, etc.), water activities would include wave height, volume of water in a river or rapid classification, and rock climbing may include ice or loose rock as a condition.
- > Planning - Planning includes lodging locations, fuel stops, gathering the required equipment and informing someone on where you are going and when you will return. Without a flight plan, it's very difficult to find a lost plane.
- > Complexity - Does the trip have multiple interrelated activities? Is there a tight timetable to make everything fit?

## **Equipment**

- > Condition - The repair, age, and condition of equipment used for the activity. Bald tires, worn climbing ropes, and leaks in a boat fuel tank are examples of potential accidents looking for a place to occur.
- > Capability - The equipment used for a purpose should be suited to the Job. Using a 50lb jack to lift an automobile is an example of equipment not being used for its designed purpose. A Honda civic may be a very fine car, but is not designed to pull a 2500 lb. travel trailer.
- > Safety Equipment - Are the safety items required for an activity in place? Are the guards and covers attached? Does each person have the correct size personal flotation device for the planned boat trip? Have you packed an emergency kit in your trunk in case you get stranded on the Interstate during a snowstorm?