

AVIATION ORM WORKSHEET

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1/2: ID & ASSESS HAZARDS

2/3: ASSESS & MAKE DECISIONS

4: IMPLEMENT CONTROLS

CONTROLS

RULES/NOTES

STUDENT

INSTRUCTOR

WEATHER:
 RUNWAY CROSSWINDS > 10 KTS
 CLOUD CEILINGS < 1500 FT AGL
 VISIBILITY < 3 MILES
 MODERATE OR GREATER TURBULENCE
 THUNDERSTORMS NEAR ROUTE OF FLIGHT
 ICING NEAR ROUTE OF FLIGHT
 BIRD RISK MODERATE OR GREATER

LIMIT: 25 DRY/10 WET
 T/O, ALT, SECTION MINS?
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 A/S: 195 MAX/180 RECC.
 SIGMET: MAINTAIN VMC
 ROUTE TO AVOID
 NO T/O, 1 APPROACH IF SEV.

CLEAR VISOR
 TRAINING RULES
 NLT 200 ON DECK

WARMUP APPLIES?
 EPIOPS LIMITS TEST
 MAX: 12 HOURS
 ALLOTTED 8 HOURS REST

MISSION PROFILE:

NIGHT (TAKEOFF OR LAND AFTER SUNSET)
 LOW LEVEL FLYING EVENT
 LESS THAN THIRD FLIGHT IN AIRCRAFT
 CROSS COUNTRY / CLASS B / UNFAMILIAR AIRSPACE
 NON-TOWER CONTROLLED CIVILIAN FIELD
 PLANNED FUEL REMAINING AT MINIMUM
 FORMATION FLYING EVENT
 IP / IP EVENT

HUMAN FACTORS:

STUDENT OUT OF AIRCRAFT > 1 WEEK
 INSTRUCTOR OUT OF AIRCRAFT > 2 WEEKS
 CREW DAY > 10 HOURS
 SHOW TIME EARLIER THAN 0630
 CONTACT UPGRADE PILOT
 PERSONAL FACTORS
 OTHER:

SUM

Four Principles of ORM:
 1. Accept risk when benefits outweigh the cost.
 2. Accept no unnecessary risks.
 3. Anticipate and manage risk by planning.
 4. Make risk decisions at the right level.

0 - 6 = LOW RISK: NO ACTION
 7 - 12 = MEDIUM: TELL SDO
 ≥ 12 = HIGH RISK: CANCEL?

Risk Assessment Matrix	PROBABILITY				
	A Likely	B Probable	C Unz	D Unlikely	
I Loss of Mission Capability, Unit Readiness or Aircraft Damage	1	1	2	3	4
II Significant Operational Mission Injury or Damage	2	3	4	5	5
III Degraded Mission Capability or Unit Readiness, Minor Injury or Damage	3	4	5	5	5
IV Little or No Impact to Mission Capability or Unit Readiness, Minimal Injury or Damage	4	5	5	5	5

Risk Assessment Codes
 1 - Critical 2 - Serious 3 - Moderate 4 - Minor 5 - Negligible