

# Risk Assessment Form

## RISK ASSESSMENT COMPLETED BY:

Name

Date

What is the Risk that is being assessed?

Who does the risk impact? (Instructors / Students / Maintainer / Business Owner / Committee / Etc.)

CAUSES How can the risk materialise?	CONSEQUENCES What is the outcome we are trying to avoid?

NOTE: CAUSES ARE THE FACTORS THAT RESULT IN CONSEQUENCES - e.g. Fuel exhaustion (cause) results in engine failure (consequence)

## RISK CONTROLS (NOTE: Without effective controls the risk cannot be appropriately managed)

CONTROLS AGAINST CAUSES What controls are in place to prevent the causes from occurring?	CONTROLS AGAINST CONSEQUENCES (If the consequence occurs, what controls are in place to minimise the outcome?)

## FURTHER ACTIONS

What additional controls should be implemented to effectively manage the risk?

What systems are in place to ensure controls are reviewed for effectiveness? (e.g. internal checklist/audit of processes on a regular basis)

**NOTE:** Simply saying something is in place to control the risk does not ensure it is effective.

## RISK ASSESSMENT (BASED ON ALL CONTROLS IN PLACE)

What is the **LIKELIHOOD** of this type of occurrence taking place in the future?

RARE

UNLIKELY

POSSIBLE

LIKELY

ALMOST CERTAIN

What is the possible **CONSEQUENCE** if this type of occurrence took place again in the future?

MINOR

MODERATE

MAJOR

CRITICAL

CATASTROPHIC

What is the residual **RISK LEVEL**?

LOW

MEDIUM

HIGH

EXTREME

Is the residual risk level appropriate?

Yes

No

Person responsible for managing this risk

Next review date

## Risk Assessment Matrix

LIKLIHOOD	CONSEQUENCE				
	MINOR	MODERATE	MAJOR	CRITICAL	CATASTROPHIC
ALMOST CERTAIN	MEDIUM	HIGH	HIGH	EXTREME	EXTREME
LIKELY	MEDIUM	MEDIUM	HIGH	EXTREME	EXTREME
POSSIBLE	MEDIUM	MEDIUM	HIGH	HIGH	EXTREME
UNLIKELY	LOW	MEDIUM	MEDIUM	HIGH	HIGH
RARE	LOW	LOW	MEDIUM	MEDIUM	MEDIUM

LIKLIHOOD		CONSEQUENCE	
ALMOST CERTAIN	Very likely to occur. Expected to occur. Could occur several times per year.	CATASTROPHIC	Multiple fatalities or life-threatening injuries. Aircraft destroyed.
LIKELY	Likely to occur. Not surprised if it happens. Expected to occur one or more times per year.	CRITICAL	Single fatality, life-threatening injury and/or permanent disability. Aircraft possibly unrepairable.
POSSIBLE	Might occur. has occurred before in similar organisations. Could occur within one to two years.	MAJOR	Serious injury requiring immediate medical treatment. Possible partial disability. Significant damage to aircraft requiring repair.
UNLIKELY	Could occur in some circumstances. Surprised if it does occur. Could occur over next 5-10 years.	MODERATE	Injury which requires non-emergency medical treatment. Minor damage to aircraft.
RARE	Not expected to occur. Once in every 100 years.	MINOR	Minor injury that is treatable in the workplace (first aid). No damage to aircraft.