

# MISSION CREW (WSAA) COURSE – MUDGEES 5/6 FEB 2019

## JOINING INSTRUCTION



Hey there!

You've been paneled to attend the IPAS Mission Crew course that covers such things as

- Working Safely Around Aircraft
- Mission Crewing
- Flying in a Low Level Environment
- Human Factors and Crew Resource Management

The Mission Crew course is designed to assist you in feeling comfortable in working in an aviation environment by being a member of the crew on board a helicopter. The aim is to get you to a level of confidence where you and the aircrew can work together to get the mission done as safely and as efficiently as possible in order to save time and to save money and to save any damage or injury to equipment and personnel.

It consists of a day of theory and a day of briefing and aerial and ground navigation exercises.

### THIS COURSE – WHERE and WHEN?

The next course will be held at the Mudgee Aero Club, 41 George Campbell Dr, Mudgee NSW 2850, on Tuesday and Wednesday 5th and 6th of February, 2019.

The course timings will be 0830 – 1700 on Day One and 0830 – 1600 on Day Two. Those who have long distances to travel will be given consideration on the second day. We will attempt to get you completed early so you can start your drive home although it is recommended that accommodation be reserved in case the course runs late due to aircraft unserviceabilities or poor weather delaying the practical exercise and we finish later. This is a rare occurrence but is possible.

### WHAT TO BRING

If you have flight gear such as a helmet, flight suit and gloves, please bring those. IPAS has some flight gear that can be used by trainees but equipment is the responsibility of the contracting organisation and should be made available for training courses. The training location will be dependent on the area required by the contracting organisation and availability of suitable theory and practical sites. Some locations may have difficult climate control. It is recommended that suitable warm clothing be brought should the temperature inside or out be overly cold.

All stationery will be provided however a smart device is recommended such as a tablet or laptop computer.

There will be a requirement to take aerial photographs so if your organisation has not provided you with a means of doing so, you will be asked to use your mobile phone or digital camera. Failing that, IPAS will have a suitable digital camera for use if necessary.

## SOFTWARE AND OTHER DOWNLOADABLES

The IPAS Human Factors Reference Book is now electronic and can be downloaded as a PDF at the IPAS Website here: [www.ipas.com.au/pages/Page\\_Aviation\\_Services.shtml](http://www.ipas.com.au/pages/Page_Aviation_Services.shtml)

It is recommended that a GPS map and tracking application be used such as MotionX (for Apple IOS) or Back Country Navigator or OsmAnd for Android. If the organisation has supplied a device with software, please use that. This will be used for the navigation exercise.

## ACCOMMODATION AND TRAVEL AND CATERING

Accommodation and travel is the responsibility of the individual in concert with the organisation. Catering will normally be provided which will include a morning tea and lunch. Please send any details of dietary restrictions.

## PRE-COURSE WORK

The Mission Crew course has now been used for a few years and is being updated to take into account experience levels and changes in work requirements. At present there is no precourse work, however videos on navigation and map reading are online at the URL above should you wish to go over those skills.

## COURSE CONTENT

The following is a guideline of how the course will run over the two days:

Day One – 0830 – 1700

1. Introduction, Safety, Meet the Trainees
2. Rules and Regulations – CASA, WHS, the Organisation
3. Working Safely Around Aircraft, Low Flying and Wire Avoidance
4. Mission Command vs Aircraft Command
5. Aviation Map Reading and Navigation
6. Preparation for Practical Navigation Exercise

Day Two – 0830 – 1600 (approx.)

7. Review of Day One
8. Aircraft Safety Brief by aircrew
9. Commence Aerial and Ground Navigation Exercises / Flight Following
10. Extra Theory of Human Factors (if time is available)
11. Course Wrap Up and post course administration

## STILL GOT QUESTIONS?

Have a look at the video on the URL above. It will provide you with some background on what's in store. Or contact your trainer, Conway Bown, on 0419028798 or [conway@ipas.com.au](mailto:conway@ipas.com.au). Don't forget to 'Like' the IPAS Facebook page to see images of courses and other interesting stuff. Google @IPASAustralia and it will take you there!