





SYDNEY HELICOPTERS PTY LTD AIRCRAFT REFUELLING PROCEDURE

PRECAUTIONS

- ✓ Hot refuelling of helicopters is allowed only during certain types of operations or when the P.I.C. considers shutting down the engine impractical, i.a.w. The Company Operations Manual and CAO 20.10. General charter and airwork operations are not approved types of operations for hot refuelling.

 As a general rule, the helicopter must be shut down before refuelling.
- ✓ NO PASSENGERS are allowed on board during refuelling operations.
- ✓ NO SMOKING within at least 50 feet of an aircraft.
- ▼ REFUEL OUTSIDE ONLY. Minimum distances from buildings and other aircraft must be maintained I.A.W. the limitations set out in CAO 20.9, Sub-section 4.
- ✓ Always keep fire extinguishers nearby.
- ✓ Portable electronic devices should be switched off (mobile phones, radios, pagers, etc.)
- Ground power units / battery carts should not be connected / disconnected during refuelling.
- ✓ Persons refuelling aircraft should not carry matches or lighters when refuelling.
- ✓ Persons refuelling aircraft should wear PPE (Personal Protection Equipment).

REFUELLING

- Check the colour and type of the fuel before the actual delivery:
 Avgas is BLUE
- Jet A1 is CLEAR (or very lightly yellow)
- ✓ When refuelling from drums, check the expiration date as well as the type of fuel.
- ✓ Carry out fuel contamination checks.
- ✓ The aircraft and fuelling vehicles or equipment should be grounded together to dissipate static electricity collected during refuelling.
- ✓ Remove fuel cap and fuel helicopter to required level, replace fuel cap on completion.
- ✓ Remove bonding lead.
- ✓ Carry out fuel drain from helicopter and check for contamination. Aircraft operating on Avgas (piston engine) can be checked soon after refuelling, aircraft operating on Jet A1 (turbine powered) should be left to sit as long as possible before the next flight before doing a fuel drain to allow any suspended contamination to settle.



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HOT REFUELLING

Fuelling operations are to be carried out in accordance with CAO 20.9, 20.10 (hot re-fuelling) and Instrument Number CASA 167/05 (Use of Mobile phones and PDA's whilst refueling). Hot re-fuelling may be carried out when the aircraft is involved in sling work, firefighting, emergency operations, or when the PIC considers it impractical to shut the engine down.

Procedure:

- a. Only pilots certified by the CP may use hot refuelling procedures.
- b. Not permitted for piston engines.
- c. A fire extinguisher is to be available.
- d. Fuelling equipment and the aircraft to be connected by static line to earth before the tank cap is opened.
- e. Passengers are not to remain on board.
- f. The PIC is to determine the quantity to be added, and after addition it is to be recorded in the DOR.
- g. If the pilot is not at the controls, he is to friction them in the neutral position. (CAR 95.7.7)
- h. No radio transmissions and phones or PDA's to be used whilst refuelling.
- i. If the aircraft drains are useable with the engine running, check the fuel for contamination.
- j. The refuelling, whether static or hot, is not to take place within 5m of a sealed building, 9m of an unsealed building, 6m of a stationary aircraft, or 15m of an exposed public area.

When re-fueling from drums, check that the grade is correct and that the use-by date hasn't expired, the drum must be used within 12 months of the filling date, then check:



Defqon.1 2015 – Helicopter Adventure Ride Specification

Key Event Details

| Event Date: | Main Event: Saturday 19th September 2015 Camping: 15:00 - 18th Until 12:00 – 20th September 2015 | | |
|----------------------|---|--|--|
| Main Event Timings: | 10:30 Gates Open | | |
| | 11:00 Event Commences | | |
| | 22:00 End Show / Main Stage Finished | | |
| | 23:00 Event Finished | | |
| Event Duration: | 12.5 Hours (Patron Attendance) | | |
| Location: | Sydney International Regatta Centre; SIRC island, car parking areas, internal roads and buildings | | |
| Expected Attendance: | Between 20,000 – 22,000 | | |

Introduction

Listed in the table on the following page are the different areas of the Helicopter Operation for Defqon.1. Based on the feedback from 2014, I have implemented some changes to allow for you to see and approve the operational planning before the event.

There will be a dedicated person looking after amusements on event day, and they will be available to help with anything on the day. You will be introduced to them before the event.

Current Details for 2015 Helicopter Rides

| Item | Actions | Key Dates |
|--------------------------|--|--------------|
| Signage | A copy of the signage map, and designs will be provided before 1 August to be approved by Sydney Helicopters. | 1 August |
| | All signage will be confirmed in place the day before the event. | 18 September |
| Day Staffing | Q-dance to provide: 2 x Buggy Drivers 2 x Token Collectors / Team Assistants | 19 September |
| | Sydney Helicopters to provide(?): 1 x Customer Coordinator (for liability forms, weighing, etc) | |
| | The day staff briefing drafts will be sent to Sydney Helicopters for approval by 1 August | 1 August |
| Sound Plan / Flight Path | Simon Coffey is handling the inclusion of a Helicopter Plan in the Sound Plan; This should confirm the flight path and operating times. | |
| Aircraft | Can you please let me know what your plans are for this in 2015. | |
| Cost | Dependent on Aicraft used | |
| Event Day Set Up | Q-dance to provide: 2 x Buggies 1 x 3x3m Sales Tent Signage Appropriate fencing and queuing system - a map to be agreed upon before 1 September 4 x Event Day Crew 1 x Token Bin Tables and Chairs as required | 1 September |
| Communication | Access to Event Channel radios will be given on the day, as well as one radio on the Finance Network to notify when tokens are ready to be collected. A 'supplier request form' will be issued later in the year to allow for radio number requests. | |
| Operating Hours | Dependent on Sound Plan | |
| Q-dance Guest Flights | A schedule will be created as best possible for any Guests and Photographers on the day. Copies of any different guests passes ie. Prize winners, will be forwarded to Sydney Helicopters before the event, included in the staff briefing, and a copy of the pass made available at the sales desk for confirmation purposes. | |