



GRAND NATIONAL AINTREE RACECOURSE

HANDLING AND REQUIRED CONDUCT OF PILOTS

2/3/4th APRIL 2020

1.1	Introduction
	This document details the handling and required conduct of pilots at Aintree Racecourse for the period of the Grand National, Thursday 2nd April until Saturday 4th April 2020
1.2	Contact Details
	<p>All enquires reference this document should be made to:</p> <p style="padding-left: 40px;">Rotary Wing Ltd 109 Gilda Rd Worsley Manchester M28 1BP TEL: 0161 799 6967</p> <p style="padding-left: 40px;">MOB: 07968758915 EMAIL: ops@rotarywing.co.uk</p>
1.3	Facilities
	Facilities for the acceptance and handling of helicopters at Aintree Racecourse will be provided throughout the period by Rotary Wing Ltd.

2 PERMISSIONS

The site is unlicensed and Rotarywing Ltd will obtain the appropriate Permissions from the CAA. Rotarywing Ltd has applied for a blanket 5[1][b] Permission and will submit a daily register of aircraft to the CAA.

The Conditions on the attached Permission are MANDATORY.

GEN 1.6 SUMMARY OF NATIONAL REGULATIONS (Effective 02 JAN 2020)

2 LANDING AND TAKING OFF NEAR OPEN AIR ASSEMBLIES

2.1 When an event involving an organised open-air assembly of more than 1000 people takes place within 1000 metres of an unlicensed aerodrome or helicopter landing site, compliance with the following procedures is required under Standardised European Rules of the Air SERA.3105 Minimum Heights.

2.2 Procedures applicable at a pre-existing unlicensed aerodrome:

- Landing and take-off shall only be performed with the permission of the person in charge of the aerodrome;
- Aircraft shall not fly over any area occupied by spectators or car parks below a height of 1000 ft agl unless at such a height as will permit, in the event of an emergency arising, a landing to be made without undue hazard to persons or property on the surface; and
- The person in charge of the aerodrome shall ensure that on the ground, aircraft and members of the public are segregated from each other.

2.3 Procedures applicable at a temporary helicopter landing site:

- The helicopter commander or operator shall obtain the written permission of the person in charge of the event prior to using the landing site;
- The person in charge of the event should convey to helicopter commanders written details pertaining to the location and layout of the landing site and the procedures to be employed;
- The person in charge of the event should inform the local police authority a minimum of 24 hours in advance of the commencement of operations;
- The person in charge of the event shall ensure that on the ground, aircraft and members of the public are segregated from each other;
- Landing and take-off shall only be performed:
 - During daylight hours;
 - When the cloud ceiling is higher than 600 ft agl and the flight visibility is more than 3 km;
- Helicopters shall not fly over any area occupied by spectators or car parks below a height of 1000 ft agl or such height as will permit the helicopter, in the event of a power unit failure, to alight clear of the assembly, whichever is the higher;
- Landing and take-off shall be made in an area which has been set aside for the purpose and helicopters which are landing and taking off shall maintain a safe distance from persons located outside the area, of at least 30 metres; and
- Approach and departure shall be made over clear areas so that a safe forced landing can be achieved in the event of engine failure.
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- CAP 793 contains guidance on safety standards at unlicensed aerodromes and CAP 789 contains guidance to operators who hold AOCs (both available at www.caa.co.uk). Further advice concerning operations at unlicensed aerodromes (for non-public transport operations) may be obtained from the Flight Operations Inspectorate (General Aviation) of the Civil Aviation Authority, Tel: 01293-573525. Further advice concerning operations at heliports or landing sites (for helicopter public transport operations) may be obtained from the Flight Operations Inspectorate (Helicopters) of the Civil Aviation Authority, Tel: 01293-573443.

RULES OF THE AIR REGULATIONS 2015



PERMISSION

LANDING AND TAKE-OFF IN A CONGESTED AREA

1. The Civil Aviation Authority, pursuant to Rule 5(1)(b) of the Rules of the Air Regulations 2015, hereby permits **any helicopter**, operating with the agreement of **ROTARY-WING LIMITED** to land or take-off at a landing site which is not an aerodrome, within a congested area of a city, town or settlement.
2. This Permission is granted subject to the following conditions:
 - a) flight pursuant to this Permission shall be solely for the purpose of landing at and taking-off from the site at **Aintree Racecourse, OS grid reference SJ 378979**
 - b) no flight pursuant to this Permission shall be made at night;
 - c) flight pursuant to this Permission shall only be undertaken with the agreement in writing from Rotary-Wing Limited;
 - d) flight pursuant to this Permission shall be conducted in accordance with procedures contained in the document '**GRAND NATIONAL AINTREE RACECOURSE - HANDLING AND REQUIRED CONDUCT OF PILOTS 2/3/4th APRIL 2020**' attached to the email submitted to the CAA on 28 January 2020
3. In this Permission, 'congested area' means in relation to a city, town or settlement, any area which is substantially used for residential, commercial or recreational purposes.
4. This Permission shall be valid from **02 April 2020 until 04 April 2020**, both dates inclusive, unless previously varied, suspended or revoked.

Signed.....
for the UK Civil Aviation Authority



Date.....*30 JANUARY 2020*.....

PLEASE NOTE: YOUR PILOTS SHOULD BE REMINDED OF THE NEED TO MINIMISE NUISANCE ON ACCOUNT OF NOISE AND TO AVOID OVERFLYING HOSPITALS, SCHOOLS AND OTHER NOISE SENSITIVE AREAS.

	3	Acceptance
		<p>Acceptance is STRICTLY Prior Permission Required. Written permission, call sign and slot times will be issued upon receipt of fully completed forms which can be found at the end of this document. To request permission contact/ forward the completed documentation to Philip Pickford on:</p> <p>TEL: 0161 799 6967 MOB: 07968758915 EMAIL: ops@rotarywing.co.uk</p>

	3.1	Security
		<p>A blank General Aviation Report (GAR) is available to download. One report must be completed for each aircraft movement and returned to:</p> <p>Email: Special.branch.Liverpool.airport@merseyside.police.uk Fax: 0151 777 2377</p> <p>Failure to submit a GAR may result in your passengers being detained until their identification can be confirmed.</p>

3.2 PASSENGER TICKETS

All passengers must be in possession of a valid racecourse entry ticket. If your passengers do not have a ticket they will be escorted to the nearest exit.

Owners and Trainers tickets will be made available at the Helipad provided you have supplied all the information required on the booking form.

It is your responsibility to ensure your clients have tickets.

CONDUCT OF PILOTS

4	Operational Hours
4.1	The landing site will be available on Thursday 2th April and Friday 3th April between the hours of 0830 and 1900. All aerial activity must cease 10 minutes prior to the race, and until 10 minutes after the race has finished. Sunrise and sunset for the period are as follows:- 2nd 06.42hrs 19.49hrs 3 rd 06.39hrs 19.51 hrs 4th 06.37hrs 19.53hrs
4.2	The landing site will be available on Saturday 4th April between the hours of 0830 and 1900. All aircraft must have arrived and shut down by 1315. Aircraft will only be allowed to depart after the Grand National has completed. An aircraft shall not start its engines until a broadcast has been made by Aintree Radio that it is safe to do so. This will only be made when all horses have left the course. Departure times therefore can not be guaranteed. The minimum cloud base and visibility for Heliport operations are as follows 1000 FT CLOUD BASE 3KM VISIBILITY IF THE ORGANISER DECLARES THE WEATHER BELOW LIMITS THEN NO ARRIVALS OR DEPARTURES WILL BE ALLOWED UNTIL THE WEATHER IMPROVES TO ABOVE LIMITS.

4.3	Helicopter Landing Area
	The landing area is on the Aintree Golf Course to the east of the Racecourse and is situated on the 9 th Fairway. Care must be taken not confuse Aintree Golf Course and the Liverpool Municipal Golf Course, which lies between the North and South unofficial VRPs approximately 1 mile East of Aintree and immediately adjacent to the M55 (see Maps 3.2 and 3.3 below). Caution should be exercised as there are two (2) high camera towers up to 50ft in the vicinity. Located at Grid references SJ 375 979 SJ 384 980 OS Sheet No. 108
4.4	Airspace
4.5	Aintree Racecourse is situated in Class G airspace and has no ATZ. To help in the safe and orderly flow of air traffic, approach routings have been detailed graphically later in this document.
4.6	Caution should be exercised when operating into Aintree due to the proximity of Manchester's and Liverpool's controlled airspace, and also Her Majesty's Prison at Walton. Located at Grid reference SJ 357 962 OS Sheet No. 108.
4.7	Landing Area Contact Details
4.8	The landing site will be operating an Air/Ground service, call sign Aintree Radio, frequency 132.905 MHz. Only call Aintree when you are less than 5 miles out.
4.9	Due to difficulties with communications at the Heliport we ask that all contact in relation to aircraft changes, delays, etc are made via text message to the following number: 07794822443

5	Inbound Procedures
5.1	Aircraft shall approach the Racecourse from the East to avoid over flying the main area of the Racecourse following the recommended arrival routing. Aircraft shall use their assigned call signs when contacting Aintree Radio. On approaching the area, contact shall be made with Aintree to check the landing strip is open, that no racing is in progress and to ascertain the direction of landing - Runway 09 or 27. After making an approach and landing at the HAP follow the marshals' instructions to a parking position. When on the parking position with rotors running, a constant listening watch must be maintained on Aintree's frequency in case the aircraft is required to shut down due to a race commencing.
5.2	Aircraft requiring fuel shall park and shut down on the parking position and fuel will be taken to the aircraft.
5.3	Outbound Procedures
5.4	Before starting, a call must be made to Aintree Radio for clearance and to obtain the departure direction. Runway 09 or 27
5.5	When ready to depart, lift into the hover, point the nose of the helicopter towards the runway strip and call ' c/s is Ready for Departure '

MAPS - ROUTINGS

6 Introduction

These diagrams show required routes into Aintree Racecourse during the Grand National. There are two unofficial visual reference points.

South - M57 Junction 6

North - M57 and the railway intersection north of the Liverpool Municipal Golf Course.

Routing are using the railway line as a division between the arriving and departing traffic. Notice should be taken of the hashed red area - The Grandstands - which are not to be overflowed.

6.1 Routings Westbound Operations – Runway 27





ACCEPTANCE

I confirm that I have read and accept the conditions and details within the document "Aintree Grand National Meet" Handling and Required Conduct of Pilots, 2/3/4th April 2020

Pilots Signature	Date
Print Name	
Aircraft Registration	Aircraft Type
Company Name	
Address	

Please return this completed form along with The following:

- 1] A Signed "Indemnity" Form
- 2] Completed "Landing Request"

to: <mailto:ops@rotarywing.co.uk>

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