



Offshore Development Group, (ODG)  
UK Continental Shelf, (UKCS)  
AI Helicopters (Offshore) Package  
CHC-Scotia Helicopters  
RC Version 0.9



CHC  
AI Chopper Pic

### Airline

Airline **CHC-Scotia Helicopters**  
ICAO **HKS**  
Callsign **Helibus**  
Website **http://www.chc.com**  
Base **EGPD Aberdeen/Dyce**



**Helicopter Corporation**

*Moving the industry that moves the world*

### Company

CHC Europe is a wholly owned operating division of CHC Helicopter Corporation, the world's leading helicopter services company. CHC Scotia is their UK subsidiary, and the leading provider of helicopter services in the UK sector of the North Sea. Servicing the UK market, with a modern fleet of twin-engined medium and heavy helicopters, primarily AS332L Super Puma and Super Puma Mk2 aircraft, flying out of its principal base at Aberdeen, and its additional base at Longside, Scotland.

CHC Scotia has additional bases in England at Humberside and North Denes, (Great Yarmouth), servicing customers in the Southern Zone of the North Sea.

CHC Scotia also provides offshore support to the Irish Sea installations in the Morecambe & Liverpool Bay fields, from Blackpool.

### Package

RC Version 0.9

CHC-Scotia Helicopters

This CHC-Scotia Helicopters AI helicopters flightplan package was initially developed to enhance realism at EGPD Dyce, the world's busiest heliport. This package has now been extended to cover all CHC-Scotia Helicopters UKCS offshore bases.

Destinations **To various Offshore Installations, Semi-Subs, FPSOs, FPU's, Jack-Ups, Vessels, & inter-airport transfers, as based on their in real life locations for this period.**

Flights	<b>Base Airports</b>	<b>6</b>	EGPD Dyce / Aberdeen, EGNJ Humberside, EGSD North Denes / Great Yarmouth, EGNH Blackpool, QGBT Forties D, QG80 Leman AD
	<b>Aircraft</b>	<b>26</b>	9 x AS332L, 5 x AS332L2, 4 x AS365N, 2 x AS365N2, 3 x S76A+, 3 x S76C,
	<b>Destinations</b>	<b>135</b>	(see Flight Plans - Breakdown Of Schedule Data - Aircraft Destinations)
	<b>Outbound</b>	<b>426</b>	(see Flight Plans - Breakdown Of Schedule Data - Aircraft Utilisation)
	<b>Legs (Total)</b>	<b>1357</b>	(see Flight Plans - Breakdown Of Schedule Data - Flight legs flown - broken down by aircraft.)
	<b>Flying Time</b>	<b>33 12:07</b>	Total A/C flying time in <i>Days Hours:Minutes</i> , excluding on-platform & turnaround times.

Period **Represents 31/05/2004 to 06/06/2004**  
Actual Various

The package includes -

Installation notes	Instructions for installation, A/C downloads, & configuration.
FS Flightplans	Standard FS flightplans.txt, aircraft.txt, airports.txt - ICAOs for Offshore Installations.
Flight Plans - Timetable	A fully detailed flight schedule, (some missing client names).
Flight Plans - Breakdown Of Schedule Data	Aircraft types, utilisation, destinations, etc.
ICAOs, coordinates, & comms, listing for the various Offshore Installations, Semi-Subs, FPSOs, FPU's, Jack-Ups, & Vessels, used in this package	
UKCS Oil & Gas Platforms Chart	Downloadable from - ?
UKCS Oil & Gas Fields Map	Downloadable from - ?

### Caveats

I've tried to keep these flightplans as close as possible to those flown in real life. Due to various factors it has been necessary to tweak some flights.

### Flightplans

All flights are based on those as flown in real life during various seven day periods, representing 31/05/2004 to 06/06/2004, (as published by CHC). Exceptions - Added flights as follows - 5 EGPS positioning, 5 by the Forties based helicopter, and 11 maintenance/support, for variety by under-utilised A/C). A small number of destinations have been changed to match the locations of mobiles & vessels during the snapshot period 31/05/2004 to 06/06/2004

Offshore installation personnel generally work a two week rota as a group. Platform crew-change flights are staggered throughout the two week cycle. As AI flightplans only cover a single week snapshot, therefore service levels to installations may appear unbalanced.

Flight-levels - I've tried to set these to match those flown on the actual legs as appropriate to the sectors.

Due to incomplete information, some flights -

Have had their aircraft assigned, these flights were 'balanced' across the available aircraft.

Due probably to IRL weather conditions, there were some problems with correlating flight times, some aircraft -

'On-platform' times have been extended, (by 4 minutes maximum).

Arrival times have been delayed to fit aircraft capabilities, (generally 4 minutes, maximum 1:38, AITM issue).

BST/GMT - Where appropriate, flight plans have been GMT corrected

Training flights -

Any training flights use IRL departure & arrival times, though their destinations may have been slightly tweaked.

EGPD local training flights are now sent to Culter Helipad.

Longside based training flights are simulated, with correct out & back times at EGPD.

### Flight numbers

As FS does not support alpha-numeric flight numbering, these have been modified to suit.

I've substituted the alpha-character with it's equivalent 1-26 number.

i.e. 85C becomes 853, 88P becomes 8816, GT becomes 720, PM becomes 1613 etc.

## **Installation**

**RC Version 0.9**

Requires *Traffic Tools* or a similar F/P installer.

Follow your installer's instructions.

### **Warning**

Helicopters do not fly at normal aircraft flight-levels, and may also have very short turn-around times at the offshore platforms.  
 All helicopters fly slowly on take-off/departure and arrival, they also use dedicated STOL runways.

Please do not run these flightplans through AIM or similar applications.  
 AIM would attempt to inappropriately modify these correct flight levels and turn-around times.

### **Scenery**

Required -	Scenery	Link	Details
	EGPD/2GPD	<a href="http://www.osdg.co.uk">http://www.osdg.co.uk</a>	Paul Baines EGPD Dyce/Aberdeen Airport scenery (version 3, Updated dd/mm/2005)
	QGBG	To be developed.	Peterhead/Longside Base
	QGHH	To be developed.	Helipad - Barrow Gas Terminal Helipad - Heysham Port Helipad
Optional -	Scenery	Link	Details
	ODG UKCS	<a href="http://www.osdg.co.uk">http://www.osdg.co.uk</a>	Various packages covering every UKCS offshore installation, mobile & a range of vessels. Without this you'll only see the choppers arriving & departing the base airports.
	EGNJ	???	Steve Chase's Humberside Airport & surrounding scenery

### **AFCADs**

To minimise disruption of other AI fixed wing aircraft, I'd recommend using an overlay airport for EGPD  
 To allow for this, I've provided two versions of the flightplans, a normal EGPD version, and a 2GPD overlay version.

Required -	EGPD & 2GPD overlays for Paul Baines EGPD Dyce/Aberdeen Airport Scenery		
	FS2002	Basys	Paul Donnelly
	FS2004	Ananda	George Davidson
	Testing	Various	ODG UKCS Team
Optional -	Offshore Packages		See scenery links above.

### **Aircraft**

Required -	Model	Link	Details
	AS332L		
	AS332L2		
	AS365N		
	AS365N2		
	S76A+		
	S76C		

## Credits

### Flightplans

Source Data	CHC	CHC website published info.
	Vertigo	Steve Chase - CHC issues wrangling & reg #s.
	Airprox	Alun Heseltine - EGPD source data & reg #s.
Creation	Basys	Paul Donnelly
Testing	Various	ODG UKCS Team Members

### ODG UKCS Project Team Members

<b>Flightplans</b>	Source Data	Various	Various
	Creation	Basys	Paul Donnelly
	Testing	Various	ODG UKCS Team Members
<b>Aircraft</b>	Model	Dirk	Dirk Fassbender
	Repaint	Cougar2002	Rory Fairbairn
	Repaint Mods	Basys	Paul Donnelly
	FDEs	Basys	Paul Donnelly, (under development)
	Air File	Basys	Paul Donnelly, (under development)
<b>ICAOs</b>		Basys	Paul Donnelly
<b>VCPMODs</b>		Grayjay	Graham Jackson
<b>Scenery</b>	Offshore	Airprox	Alun Heseltine - C/NSC, N/MF, N/NSN, N/WOS fixed installations, various MODUs & vessels
		Vertigo	Steve Chase - S/NSS,C/IS fixed installations, various MODUs & vessels
	Onshore	Airprox	Alun Heseltine
		Vertigo	Steve Chase
<b>AFCADs</b>	FS2004	Ananda	George Davidson, (generation of AFCADs)
		Cougar2002	Rory Fairbairn, (initial development & testing of offshore installation FS2004 AFCADs)
	FS2002	Basys	Paul Donnelly
<b>Logos</b>	ODG UKCS	Vertigo	Steve Chase
<b>Website</b>	<a href="#">ODG Website</a>	Altern8or	Robert Holland, webmaster, host, & creator, of the ODG website.

### Acknowledgements

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Doug Callihan

#### **AI F/P Software**

Lee Swordy  
Thomas Molitor  
Traffic Tools & AFCAD  
AI Traffic Mover

**Scenery** EGPD Dyce Paul Baines  
FS5/6 UK Ian Pearson  
Offshore Scene Gabor Kmetyko  
Freds  
For his FS2000 version scenery.  
For their macro-based offshore platform models for FS98, etc.  
Tanner - Proof of concept for initial macro based model deployment.

**Developers** Hovercontrol Jordan Moore  
**Forum Host** <http://www.hovercontrol.com>  
For so very kindly hosting our development process, on his excellent FS helicopter website.

**Photographs** Title Page Gary Stewart  
Airliners.net

## Copyright

## Distribution

## Contact

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