



## **Flight Briefing Package**

**AUA364 EGLL-CYYZ**

**14 Apr 2018 #2**

OFP #2

HEATHROW  
(UNITED KINGDOM)

-  
LESTER B PEARSON INTL  
(CANADA)

PREPARED BY MARKUS RISTL  
14 APR 1104 UTC

## AUA364 EGLL-CYYZ (14 Apr 2018) #2

AUSTRIAN AIRLINES FLIGHTPLAN - IFR AUA364 N-737ER EGLL-CYYZ  
 FROM: EGLL/LHR / HEATHROW / UNITED KINGDOM  
 TO: CYYZ/YYZ / LESTER B PEARSON INTL / CANADA

ALL WEIGHTS IN KILOGRAMS (KG) STD 14APR/1225Z

OPF 2 - PREPARED 14APR/1104Z BY MARKUS RISTL

PIC:MARKUS RISTL FO:

OS364/AUA364 N-737ER/B737-700 CF ROUTE: EGLLCYYZ-MAN

DEP: EGLL/LHR 27L ELEV 83 FT CRUISE: LRC TTL G/C DIST: 3086 NM  
 ARR: CYYZ/YYZ 05 ELEV 569 FT INIT ALT: FL340 TTL F/P DIST: 3184 NM  
FUEL BIAS: 100.0% TTL AIR DIST: 3521 NM  
 ALT: CYZD 33 ELEV 652 FT 16 NM AVG WIND VEL: 268/051

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	38147	15	980	2345	4254 TOW	MAX 55202	70080	58604
						PLN 40492	65826	47569
						ACT .....	.....	.....

	FUEL	CORR	ENDUR	
TRIP	18257	.....	07:59	
CONT 5%	913	.....	00:31	
ALTN CYZD	292	.....	00:07	
FINAL RESV	872	.....	00:30	
MIN T/O	20334	.....	09:08	.....
EXTRA	5000	.....	02:52	CAPTAINS SIGNATURE (.....)
TAXI	120	.....	00:10	
RELEASE	25454	.....	12:10	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	7017	.....	03:56	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 35000 KG / MAX EXTRA FUEL 9254 KG LIM BY TOW  
 TRIP CORR FOR 1000 KG TOW INCR: +168 KG / 1000 KG TOW DECR: -161 KG  
 2000 FT LOWER: +542 KG / EET 08:15 CLB: 250/280/78 DES: 78/280/250

EGLL	STD 12:25Z/13:25L	ETD 12:25Z	ACT OFBL ....	EST T/O 12:35Z	ACT T/O ....
CYYZ	STA 19:50Z/15:50L	ETA 20:39Z	ACT ONBL ....	EST LDG 20:34Z	ACT LDG ....
	07:25	08:14	TTL BLCK ....		TTL FLT ....

\*\*\*\*\* 180 MIN ETOPS CRITICAL FUEL SUMMARY \*\*\*\*\*

NON-ICING CONDITIONS - INCLUDING FUEL FOR ONE MISSED APPROACH

ETOPS ENTRY (EINN)	306 NM BEFORE 5730N	N56 07.4 W020 53.2	EET 01:51
ETOPS EXIT (EINN)	206 NM BEFORE 5740N	N57 05.5 W033 41.7	EET 02:48

**ETOPS ALTNS WX/NOTAM SUITABILITY PERIOD**

EINN (15:19-18:12)  
 CYYR (17:29-18:12)

## AUA364 EGLL-CYYZ (14 Apr 2018) #2

**ONE ENG OUT ETP 1 FOR EINN/CYYR** N57 05.8 W035 39.5 EET 02:57  
 1E082/340 DESC TO FL379 CRUISE AT M.76 142 NM BEFORE 5740N  
 PLN FUEL OVER ETP 17431 ETP FUEL REQ 5493 DIV TIME 02:07  
 ETP TO EINN (N52 42.1 W008 55.4) DIST 955 NM WC TL013 TT 095  
 ETP TO CYYR (N53 19.1 W060 25.5) DIST 873 NM WC HD032 TT 265

**ONE ENG OUT DECOMP ETP 1 FOR EINN/CYYR** N57 05.9 W035 14.8 EET 02:55  
 1E0LR0 DESC TO FL140 CRUISE AT M.76 155 NM BEFORE 5740N  
 PLN FUEL OVER ETP 17502 ETP FUEL REQ 8259 DIV TIME 02:20  
 ETP TO EINN (N52 42.1 W008 55.4) DIST 942 NM WC TL001 TT 095  
 ETP TO CYYR (N53 19.1 W060 25.5) DIST 886 NM WC HD012 TT 266

**ALL ENG DECOMP ETP 1 FOR EINN/CYYR** N57 05.9 W035 21.1 EET 02:56  
 78/300/250 DESC TO FL140 CRUISE AT AE250 152 NM BEFORE 5740N  
 PLN FUEL OVER ETP 17484 ETP FUEL REQ 7272 DIV TIME 02:51  
 ETP TO EINN (N52 42.1 W008 55.4) DIST 947 NM WC TL001 TT 095  
 ETP TO CYYR (N53 19.1 W060 25.5) DIST 881 NM WC HD012 TT 266

\*\*\*\*\*

**ATC ROUTE:** N0465F340 DCT WOBUN DCT WELIN UT420 TNT UL28 RODOL UP6 KOLID UL70  
 BAGSO DCT RESNO/M080F340 DCT 56N020W 57N030W 57N040W 56N050W DCT  
 JANJO/N0456F340 N562A YRI J560 YQB DCT YMX/N0431F340 DCT TUKIR  
 RAGID3

**AVG WIND CMP:** HD042 KT

### ALTERNATE PLANNING

ALTN/RWY	DIST	ALT/FL	MSA	COMP	TIME	FUEL	DIFF ROUTE
CYZD/33	16	5000	031	HD007	00:07	292	- YYZ
CYHM/06	42	8000	031	TL002	00:12	470	+178 YYZ DCT OLAMO
CYKF/08	83	16000	032	HD008	00:20	782	+490 MATES5 IKLEN T614 NUBER
KIAG/06	107	17000	050	TL005	00:24	891	+599 YYZ DCT EHMAN V510 BUF

## AUA364 EGLL-CYYZ (14 Apr 2018) #2

AWY - FIR	WAYPOINT NAME	MT	ALT	MSA	FREQ	TAS	LEG	FUEL	REM / USED	LEG	ACC
			TMP	WND/SPD	GS	REM	POSITION		ETO / ATO		
	EGLL/27L HEATHROW		83	023				25.3 / 0.1			
						3184	N5127.8	W00026.0	...../.....		
DCT	WOBUN	343	*CLB	026				24.5 / 1.0	08	00.08	
			M03	182/010		3148	N5201.1	W00044.0	...../.....		
DCT	WELIN	344	*CLB	026				24.3 / 1.2	03	00.11	
			M04	178/008		3133	N5214.8	W00051.1	...../.....		
UT420	AKUPA	330	*CLB	026				24.1 / 1.4	02	00.13	
			M07	165/006		3117	N5229.2	W00105.4	...../.....		
UT420	TIMPO	330	*CLB	026				24.1 / 1.4	01	00.14	
			M08	160/005		3111	N5233.5	W00109.8	...../.....		
UT420	ELVOS	330	*CLB	026				24.0 / 1.5	01	00.15	
			M05	154/004		3101	N5242.0	W00118.4	...../.....		
	*TOC	330	FL340	026		465	15	23.8 / 1.6	02	00.17	
			M00	142/003		469	3086	N5254.9	W00131.6	...../.....	
UT420	TNT	330	FL340	036	<b>115.70</b>	465	10	23.8 / 1.7	01	00.18	
	TRENT		M01	142/005		469	3076	N5303.2	W00140.1	...../.....	
UL28	RODOL	330	FL340	036		464	13	23.7 / 1.7	02	00.20	
			M01	142/006		470	3063	N5314.2	W00151.7	...../.....	
UP6	KOLID	304	FL340	036		463	38	23.5 / 1.9	05	00.25	
			M01	348/007		458	3026	N5334.4	W00245.3	...../.....	
UL70	TADAL	277	FL340	047		463	10	23.5 / 2.0	01	00.26	
			M01	347/008		461	3016	N5335.2	W00301.5	...../.....	
UL70	GUNTU	277	FL340	047		463	5	23.4 / 2.0	01	00.27	
			M01	347/008		461	3011	N5335.6	W00309.9	...../.....	

## AUA364 EGLL-CYYZ (14 Apr 2018) #2

UL70	PENIL	277	FL340	047	463	18	23.3 /	2.1	02	00.29
					M02	346/010	461	2993	N5336.9	W00339.8 ...../.....
UL70	BABRA	277	FL340	047	463	10	23.3 /	2.2	01	00.30
					M02	346/011	460	2983	N5337.6	W00356.7 ...../.....
UL70	GIGTO	277	FL340	048	463	5	23.3 /	2.2	01	00.31
					M02	346/011	459	2978	N5338.0	W00405.8 ...../.....
UL70	UNDUX	276	FL340	048	463	8	23.2 /	2.2	01	00.32
					M02	345/011	459	2970	N5338.5	W00418.6 ...../.....
UL70	SOPAX	276	FL340	048	463	5	23.2 /	2.3	01	00.33
					M02	345/012	459	2965	N5338.8	W00427.1 ...../.....
UL70	RAMOX	276	FL340	048	462	14	23.1 /	2.3	01	00.34
					M02	344/012	459	2951	N5339.6	W00450.3 ...../.....
UL70	OGTUG	276	FL340	048	462	11	23.0 /	2.4	02	00.36
					M02	342/012	458	2940	N5340.2	W00508.8 ...../.....
UL70	BAGSO	276	FL340	017	462	13	23.0 /	2.5	02	00.38
-EISN					M02	340/012	458	2928	N5340.8	W00530.0 ...../.....
UL70	*BDRY	291	FL340	043	460	187	22.0 /	3.5	25	01.03
-EGGX					M03	251/013	451	2740	N5429.7	W01037.6 ...../.....

----- OCEANIC ENTRY -----

[ ]	LR NAV ACCUR CHECK	AT	__Z	CAPT	_____	STBY	_____	FO	_____
[ ]	RVSM ALTIMETER CHECK	AT	__Z	CAPT	_____	STBY	_____	FO	_____
[ ]	COMPASS HDG CHECK	AT	__Z	CAPT	_____	STBY	_____	FO	_____
[ ]	SELCAL CHECK	AT	__Z	SIGNATURE	(....) _____				

DCT	RESNO	289	FL340	036	458	155	21.1 /	4.3	20	01.23
					M03	242/015	446	2586	N5500.0	W01500.0 ...../.....

DCT	5620N	299	FL340	010	459	180	20.2 /	5.3	24	01.47
-----	-------	-----	-------	-----	-----	-----	--------	-----	----	-------

## AUA364 EGLL-CYYZ (14 Apr 2018) #2

56N020W M01 198/015 458 2405 N5600.0 W02000.0 ...../.....

----- ETOPS ENTRY (EIKN) 0306 NM BEFORE 5730N EET 01:51 -----

DCT **5730N** 294 FL340 010 458 337 18.4 / 7.0 45 02.32  
 -CZQX 57N030W P01 202/031 448 2068 N5700.0 W03000.0 ...../.....

----- ETOPS EXIT (BGBW) 0206 NM BEFORE 5740N EET 02:48 -----

**\*ETP 1** 288 FL340 010 456 172 17.5 / 8.0 23 02.55  
 EINN/CYYR M00 225/030 437 1897 N5705.9 W03514.8 ...../.....

DCT **5740N** 287 FL340 010 458 155 16.7 / 8.8 22 03.17  
 57N040W P04 242/026 434 1741 N5700.0 W04000.0 ...../.....

DCT **5650N** 283 FL340 010 457 337 14.9 / 10.6 46 04.03  
 56N050W P05 268/042 428 1404 N5600.0 W05000.0 ...../.....

DCT **JANJO** 269 FL340 017 456 268 13.4 / 12.0 39 04.42  
 P09 259/042 416 1136 N5402.0 W05700.0 ...../.....

DCT **\*BDRY** 259 FL340 053 447 287 11.8 / 13.6 46 05.28  
 -CZUL P04 276/118 387 849 N5113.9 W06322.9 ...../.....

N562A **YRI** 252 FL340 055 **113.90** 436 320 10.0 / 15.5 51 06.19  
 RIVIERE DU LOUP M01 286/131 354 529 N4745.3 W06935.3 ...../.....

J560 **YQB** 251 FL340 053 **112.80** 435 104 9.4 / 16.1 18 06.37  
 QUEBEC M01 279/116 347 425 N4642.3 W07137.5 ...../.....

DCT **YMX** 264 FL340 039 **116.70** 431 124 8.6 / 16.8 23 07.00  
 MIRABEL MONTREAL M01 275/113 329 300 N4553.2 W07422.5 ...../.....

DCT **TUKIR** 259 FL340 034 430 87 8.1 / 17.4 16 07.16  
 -CZYZ M01 272/114 327 213 N4515.1 W07614.3 ...../.....

RAGID3 **LIBEM** 242 FL340 029 429 40 7.9 / 17.6 07 07.23  
 M01 271/114 337 173 N4448.6 W07657.5 ...../.....

RAGID3 **IGSAP** 253 FL340 030 428 35 7.6 / 17.8 06 07.29  
 M01 270/114 326 137 N4431.0 W07740.7 ...../.....

## AUA364 EGLL-CYYZ (14 Apr 2018) #2

RAGID3	UDNOX	252	FL340	031	427	19	7.5 / 17.9	04	07.33	
				M00	266/117	326	118	N4421.2	W07804.1	...../.....
RAGID3	RAGID	251	FL340	031	427	37	7.3 / 18.1	07	07.40	
				M00	265/117	319	81	N4402.5	W07848.3	...../.....
	*TOD	249	FL340	031	426	0	7.3 / 18.1	00	07.40	
				M00	265/117	320	81	N4402.3	W07848.6	...../.....
RAGID3	LERAT	249	*DES	031		12	7.3 / 18.2	02	07.42	
				P04	258/072	69	N4356.0	W07902.4	...../.....	
RAGID3	SEMTI	248	*DES	031		16	7.3 / 18.2	03	07.45	
				P07	256/060	52	N4347.1	W07921.6	...../.....	
RAGID3	ERBUS	273	*DES	031		16	7.3 / 18.2	03	07.48	
				P06	252/045	36	N4344.9	W07943.3	...../.....	
RAGID3	SELAP	237	*DES	031		10	7.2 / 18.2	02	07.50	
				P05	249/027	26	N4337.9	W07953.4	...../.....	
RAGID3	DUNOP	236	*DES	032		8	7.2 / 18.2	02	07.52	
				P01	265/005	19	N4332.6	W08001.0	...../.....	
RAGID3	CYYZ	075	569	032		19	7.1 / 18.4	07	07.59	
	LESTER B PEARSON INT						N4340.6	W07937.8	...../.....	

-----  
**END FLIGHTPLAN 00318 AUA364 N-737ER EGLL-CYYZ 14APR2018**  
 -----

## AUA364 EGLL-CYYZ (14 Apr 2018) #2

### [PLANNING WEATHER]

#### ORIGIN: EGLL/LHR (HEATHROW, UNITED KINGDOM) UTC +01:00

EGLL 141050Z AUTO VRB03KT 9999 NCD 15/07 Q1017 NOSIG

EGLL 140457Z 1406/1512 21004KT 3000 BR SCT038

PROB30 1406/1408 0500 FG VV///

BECMG 1408/1411 9999 NSW

BECMG 1421/1424 7000

TEMPO 1500/1508 3000 BR BKN004

BECMG 1508/1511 9999

PROB40 TEMPO 1511/1512 7000 RA BKN012

#### DESTINATION: CYYZ/YYZ (LESTER B PEARSON INTL, CANADA) UTC -04:00

CYYZ 141026Z 05014KT 6SM -DZ BR BKN012 OVC025 02/01 A3007 RMK SF6SC2

SLP190

CYYZ 140840Z 1409/1512 04012KT 6SM -DZ BR OVC025

TEMPO 1409/1412 3SM -RA BR OVC008

FM141200 02012G22KT 6SM -RA BR OVC025

TEMPO 1412/1414 4SM -RAPL BR OVC015

PROB30 1412/1414 6SM -FZRA -PL BR

FM141400 05018G28KT 4SM -PL BR FEW008 OVC015

TEMPO 1414/1416 6SM -FZRA BR OVC025

FM141600 05018G28KT 4SM -PL BR FEW008 OVC015

TEMPO 1416/1422 6SM -PL BR OVC025

FM142200 05015G25KT 4SM -PL BR OVC015

TEMPO 1422/1506 1/2SM PL

PROB40 1422/1506 3SM -FZRA BR

FM150600 05015G25KT 5SM -FZRA BR OVC012

PROB30 1506/1508 2SM FZRA BR RMK NXT FCST BY 141200Z

#### ALTERNATE: CYZD (DOWNSVIEW, CANADA) UTC -04:00

NO WX DATA AVAILABLE

#### ALTERNATE: CYHM/YHM (HAMILTON, CANADA) UTC -04:00

CYHM 141043Z 05027G34KT 2SM -RA BR OVC002 02/02 A2999 RMK FG1SF7 SLP166

CYHM 140542Z 1406/1506 04015G25KT 2SM BR OVC003

TEMPO 1406/1410 6SM -RA BR OVC006

FM141000 05020G30KT 6SM -RA BR OVC006

TEMPO 1410/1415 4SM -RA BR OVC004

PROB30 1413/1415 3SM -FZRA BR

FM141500 06025G35KT 5SM -FZRA BR OVC007

TEMPO 1415/1418 P6SM -FZRA OVC015

FM141800 05025G40KT 4SM -FZRA BR BKN009 OVC015

TEMPO 1418/1504 P6SM -PL SCT009 OVC015

PROB40 1423/1504 2SM FZRA BR RMK NXT FCST BY 141200Z

#### ALTERNATE: CYKF/YKF (WATERLOO, CANADA) UTC -04:00

CYKF 141057Z AUTO 05017G25KT 5SM -RA BR OVC008 02/01 A3000 RMK SLP171

CYKF 140742Z 1408/1420 05015G25KT P6SM -RA OVC006

TEMPO 1408/1413 2SM BR OVC005

FM141300 06020G30KT 3SM -RAPL BR OVC006

TEMPO 1413/1415 6SM -FZRA BR OVC010

FM141500 06020G35KT 6SM -PL BR OVC012



## AUA364 EGLL-CYYZ (14 Apr 2018) #2

TEMPO 1415/1420 3SM -PL BR OVC008  
BECMG 1416/1418 06025G40KT RMK FCST BASED ON AUTO OBS. NXT FCST BY  
141400Z

**ALTERNATE: KIAG/IAG (NIAGARA FALLS INTL, UNITED STATES) UTC -04:00**  
KIAG 141053Z 06016KT 8SM -RA OVC006 04/01 A3005 RMK AO2 PK WND 06026/1021  
RAE05B51 SLP186 P0000 T00390011  
KIAG 140929Z 1409/1506 05014G22KT 6SM -SHRA OVC003  
FM141400 06020G30KT 3SM -RA BR OVC008  
FM141700 06022G32KT 4SM -FZRA OVC012  
FM142200 06022G32KT 3SM FZRA OVC008

**ETOPS ALTERNATE: EINN/SNN (SHANNON, IRELAND) UTC +01:00**  
EINN 141030Z 14015KT 9999 FEW014 BKN030 12/07 Q1009 NOSIG  
EINN 140500Z 1406/1506 15008KT 9999 FEW018 BKN030  
TEMPO 1406/1408 4000 -SHRA BR BKN008  
BECMG 1407/1410 15012KT  
BECMG 1410/1412 16015G26KT  
TEMPO 1413/1418 15019G31KT  
BECMG 1418/1421 13017G28KT  
TEMPO 1421/1506 -RADZ SCT008 BKN012

**ETOPS ALTERNATE: CYYR/YZR (GOOSE BAY, CANADA) UTC -03:00**  
CYYR 141047Z 33007KT 1 3/4SM -SN BKN018 OVC030 M08/M09 A2958 RMK SC6SC2  
SLP021  
CYYR 140916Z 1409/1506 33008KT P6SM -SHSN SCT010 OVC030  
TEMPO 1409/1412 11/2SM -SHSN OVC010  
FM141200 31012KT P6SM SCT015 BKN025  
TEMPO 1412/1421 P6SM -SHSN  
BECMG 1415/1417 30020G30KT  
FM142100 30020G30KT 2SM -SN OVC015  
BECMG 1503/1505 30015KT RMK NXT FCST BY 141200Z

**CYFJ/YTM (MONT-TREMBLANT INTL INC, CANADA) UTC -04:00**  
NO WX DATA AVAILABLE

**CYZV/YZV (SEPT-ILES, CANADA) UTC -04:00**  
CYZV 141000Z 30015G25KT 30SM FEW050 FEW180 M09/M19 A2988 RMK CU2AC1 AC TR  
SLP124  
CYZV 140538Z 1406/1506 30012G22KT P6SM SKC  
BECMG 1410/1412 30015G25KT RMK NXT FCST BY 141200Z

**CYQX/YQX (GANDER INTL, CANADA) UTC -02:30**  
CYQX 141000Z 24008KT 20SM FEW008 BKN025 M00/M02 A2961 RMK CF1SC7 CF TR  
SLP037  
CYQX 141006Z 1410/1506 24010G20KT P6SM BKN030  
TEMPO 1410/1412 BKN020  
FM141200 24015G25KT P6SM FEW030  
FM141400 24020G30KT 6SM -SHSN OVC030  
TEMPO 1414/1418 2SM -SHSNRA BR OVC015  
FM141800 26020G35KT P6SM BKN050  
BECMG 1422/1424 28030G40KT  
FM150200 30030G45KT P6SM SCT030 RMK NXT FCST BY 141200Z

## AUA364 EGLL-CYYZ (14 Apr 2018) #2

### BGBW/UAK (NARSARSUAQ, GREENLAND) UTC -02:00

BGBW 141050Z 03005KT 9999 FEW018 BKN044 M04/M15 Q1006

BGBW 140900Z 1409/1418 06006KT 9999 SCT040

TEMPO 1409/1413 BKN040

### EIKN/NOC (KNOCK, IRELAND) UTC +01:00

EIKN 141030Z 16013KT 130V200 9999 FEW008 BKN037 11/08 Q1009 NOSIG

EIKN 140500Z 1406/1506 17009KT 4000 BR SCT002 BKN004

TEMPO 1406/1408 0200 FG BKN001

BECMG 1408/1410 BKN007

BECMG 1410/1412 16013KT 9999 NSW FEW010 BKN018

TEMPO 1414/1418 15014G25KT

BECMG 1418/1421 12017G28KT

BECMG 1421/1424 SCT007 BKN012

TEMPO 1500/1506 2000 -RADZ OVC004

### EIKY/KIR (KERRY, IRELAND) UTC +01:00

EIKY 141030Z 15012KT 120V180 9999 SCT028 BKN035 12/07 Q1008

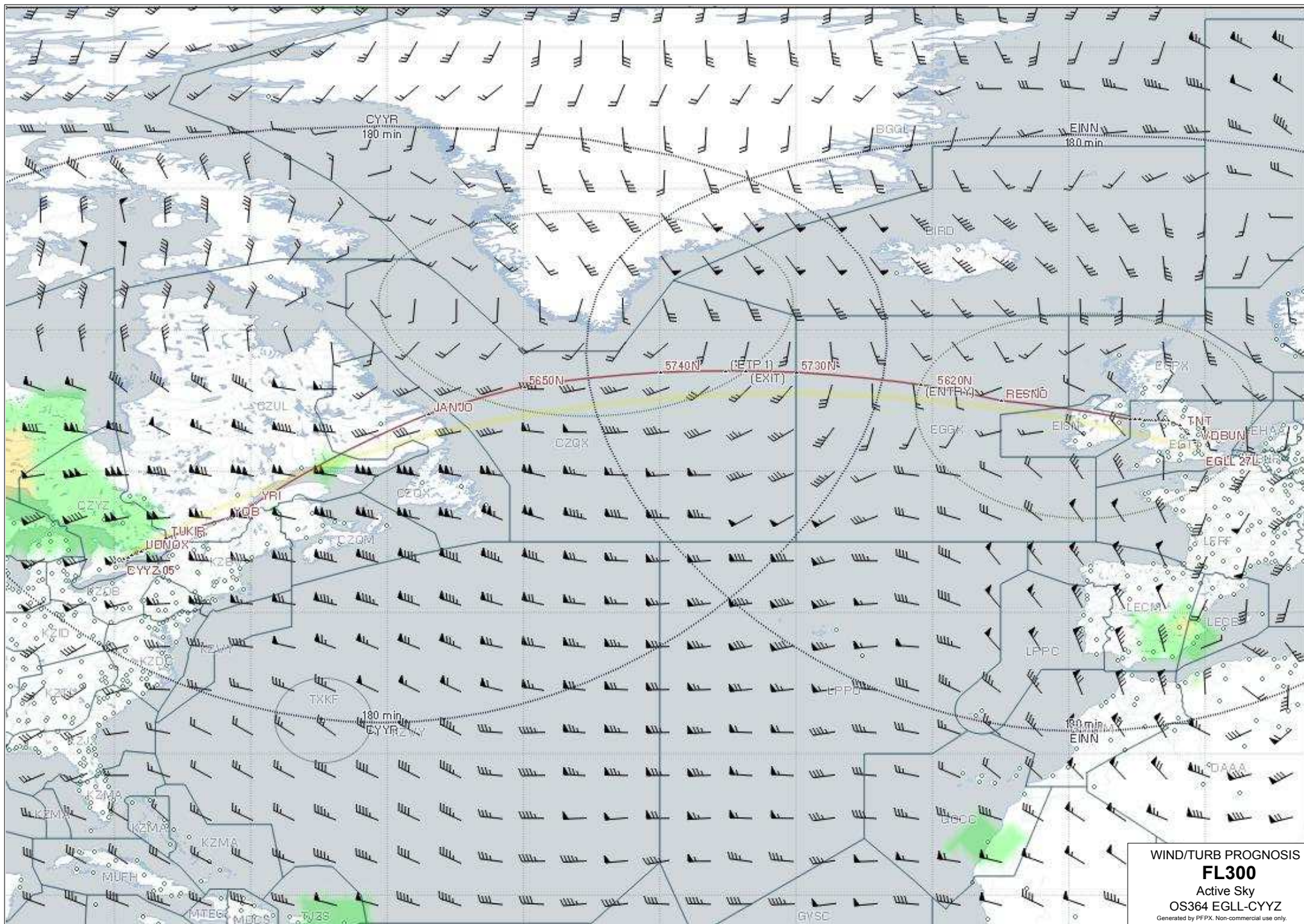
EIKY 140800Z 1409/1418 18008KT 9999 FEW015 BKN030

BECMG 1409/1411 16012KT

BECMG 1411/1413 15016G27KT

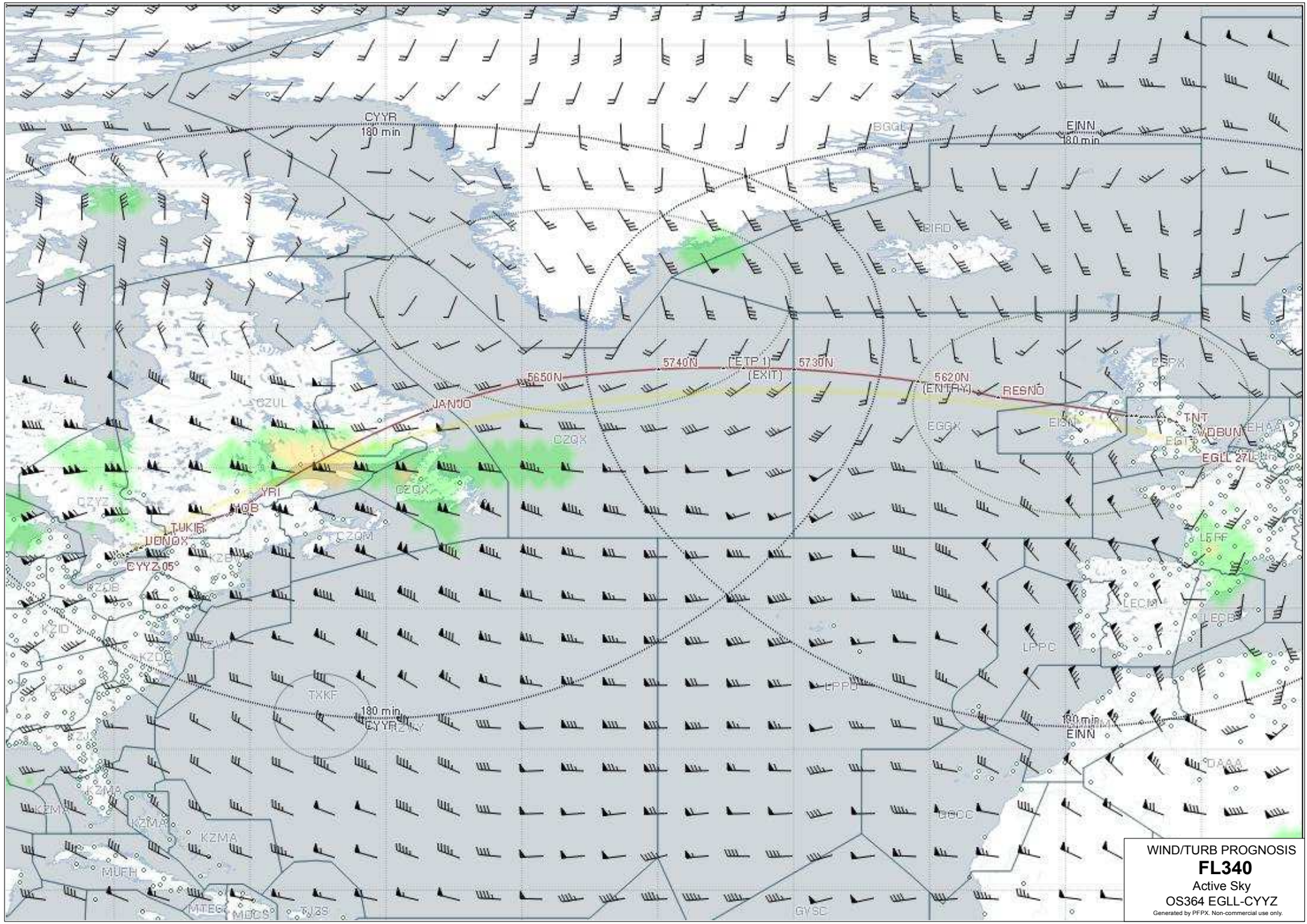
TEMPO 1413/1418 15020G32KT

TEMPO 1414/1418 5000 -RA BKN008



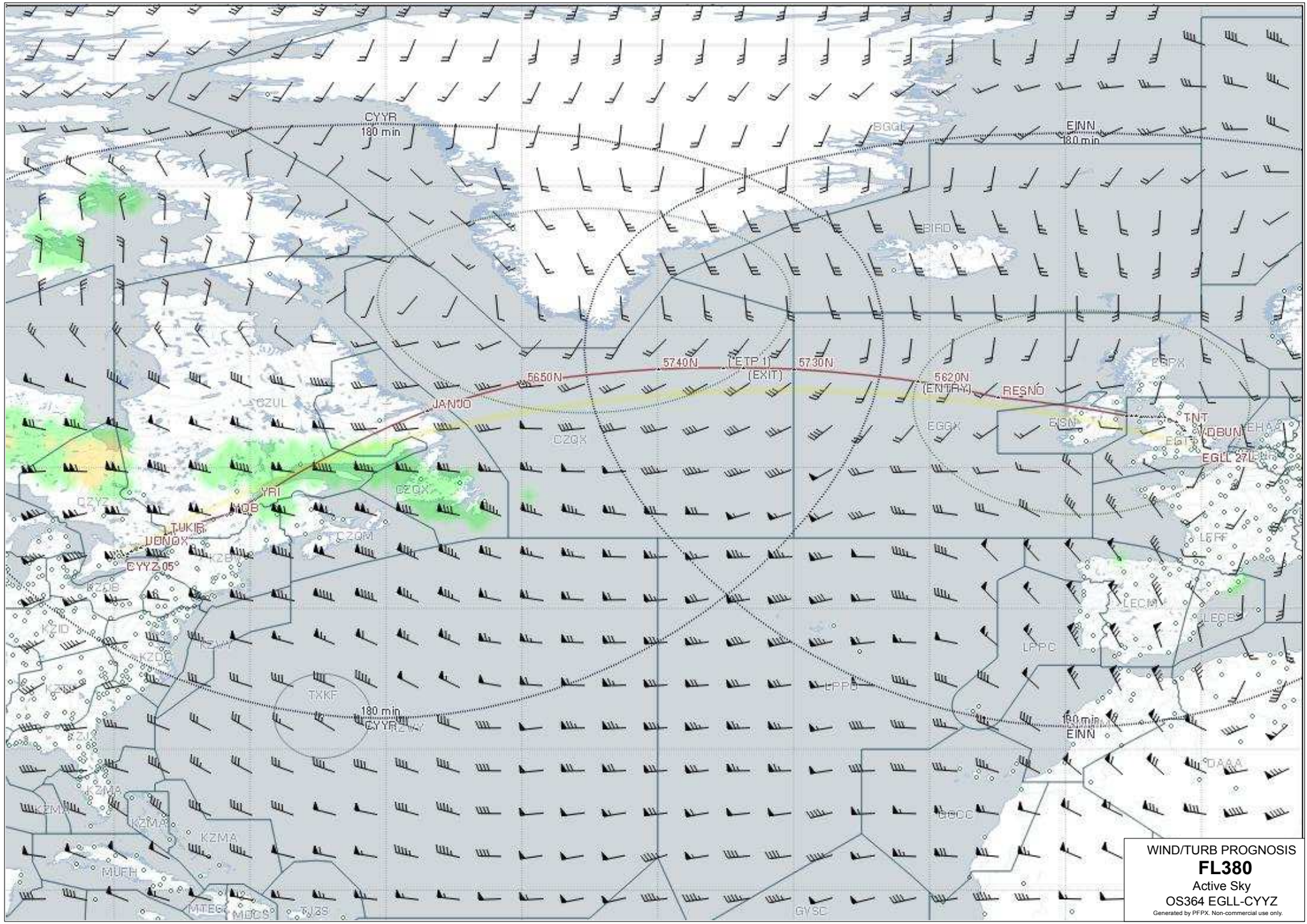
WIND/TURB PROGNOSIS  
**FL300**  
 Active Sky  
 OS364 EGGL-CYYZ  
 Generated by PFPX. Non-commercial use only.





**WIND/TURB PROGNOSIS**  
**FL340**  
 Active Sky  
 OS364 EGLL-CYYZ  
Generated by PFPX. Non-commercial use only.





**WIND/TURB PROGNOSIS**  
**FL380**  
 Active Sky  
 OS364 EGPL-CYYZ  
Generated by PFPX. Non-commercial use only.