

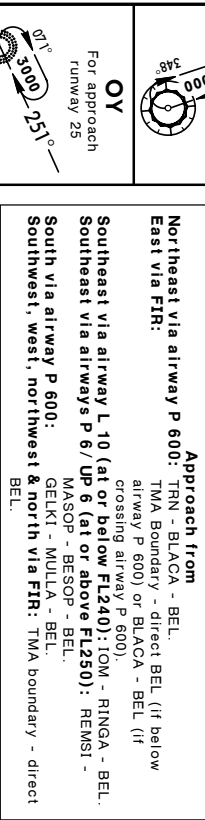
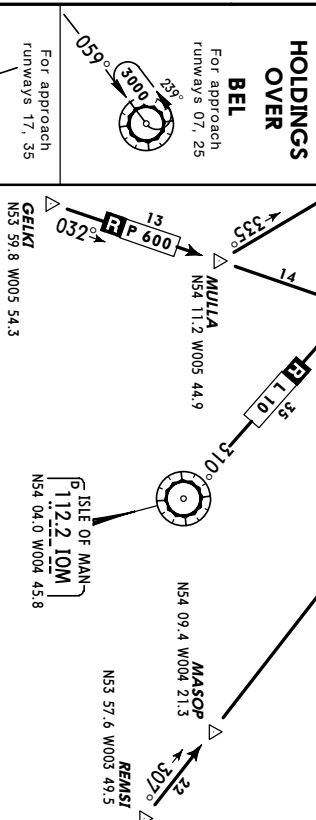
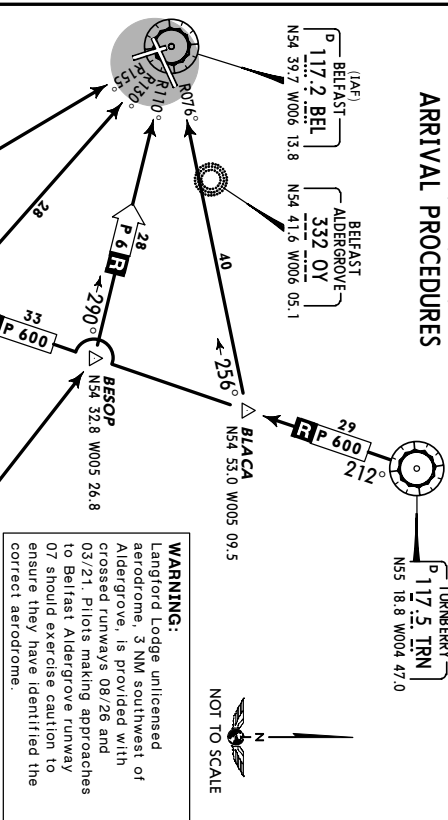
EGAA/BFS
 ALDERGROVE

14 JUL 06
 10-2

BELFAST, UK
 ARRIVAL

ALDERGROVE Approach (R) 128.5	ATIS 128.2	Alt Set: hPa Trans level: By ATC Aircraft flying on the airway system will have to request a specific entry clearance. Aircraft wishing to enter the TMA or CTR direct from the Scottish or London FIRs must obtain clearance from ALDERGROVE Approach.	
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RWYS 07, 17, 25, 35
 ARRIVAL PROCEDURES



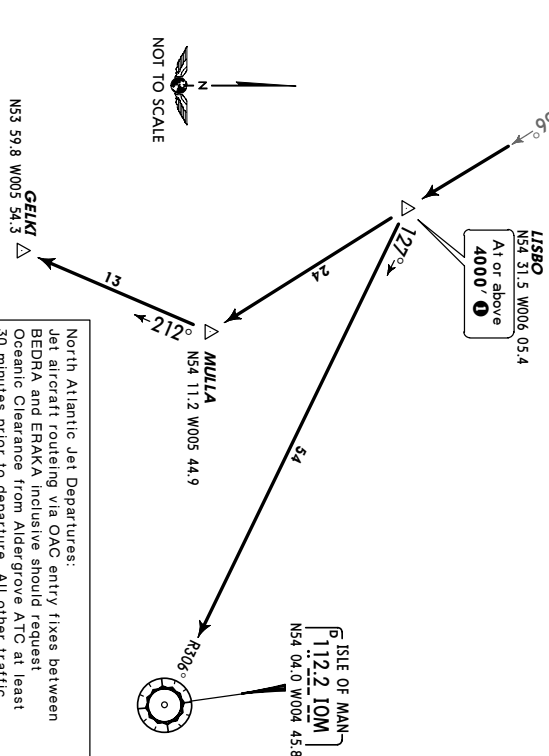
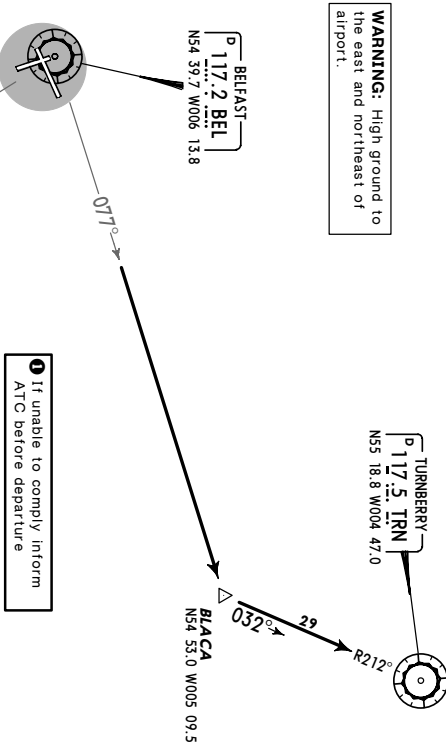
EGAA/BFS
 ALDERGROVE

14 JUL 06
 10-3

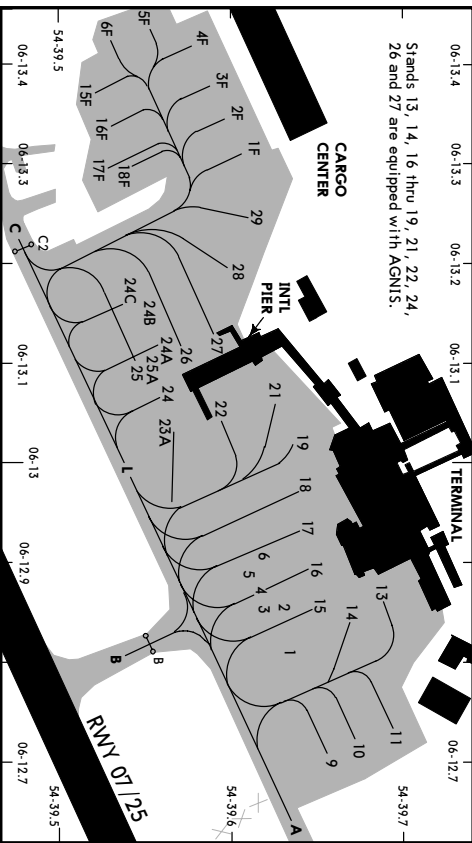
BELFAST, UK
 DEPARTURE

Appl Elev 268'	Trans level: By ATC ACFT must contact ATC up to 30 minutes prior to EOBT to obtain airways clearance including transponder code. Specific after departure instructions will be issued during taxi.
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RWYS 07, 17, 25, 35 DEPARTURE PROCEDURES
 VIA AIRWAYS L 10, P 600



EGAA/BFS
JEPPSEN
 24 FEB 06
 10-9A
BELFAST, UK
ALDERGROVE



GENERAL WARNING: Birds in vicinity of airport. Model flying takes place at Nutts Corner, a closed AD 3 NM SE of Aldergrove, daily during daylight hr up to 400' AGL and at Langford Lodge a closed AD 3 NM West of Aldergrove, mainly at weekends during daylight hr up to 400' AGL at any time and up to 200' AGL when rwy 07 is in use.

Rwy 25 approved for CAT II/III operations, special aircrew and acft certification required.

Windshear alert system. Rwy 25 right-hand circuit.

INS COORDINATES			
STAND No.	COORDINATES	STAND No.	COORDINATES
1	N54 39.6 W006 12.8	16	N54 39.7 W006 12.9
1F	N54 39.6 W006 13.3	16F	N54 39.5 W006 13.3
2	N54 39.6 W006 12.9	17	N54 39.7 W006 12.9
2F	N54 39.6 W006 13.3	17F	N54 39.5 W006 13.3
3	N54 39.6 W006 12.9	18	N54 39.7 W006 13.0
3F	N54 39.6 W006 13.4	18F	N54 39.5 W006 13.3
4	N54 39.6 W006 12.9	19	N54 39.7 W006 13.0
4F	N54 39.6 W006 13.4	21 thru 24A	N54 39.6 W006 13.1
5	N54 39.6 W006 12.9	24B	N54 39.6 W006 13.2
5F	N54 39.6 W006 13.1	24C	N54 39.5 W006 13.2
6	N54 39.6 W006 12.9	25 thru 27	N54 39.6 W006 13.1
6F	N54 39.5 W006 13.4	28, 29	N54 39.6 W006 13.2
9 thru 11	N54 39.7 W006 12.7		
13 thru 15	N54 39.7 W006 12.9		
15F	N54 39.5 W006 13.3		

RWY 25:

TAKE-OFF 1

All Rwy's

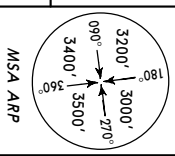
EGAA/BFS
ALDERGROVE

JEPPRESEN
9 MAY 03 (13-2) EFF 15 May

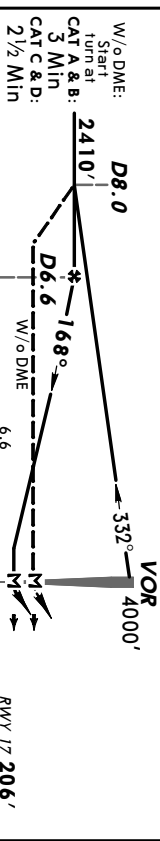
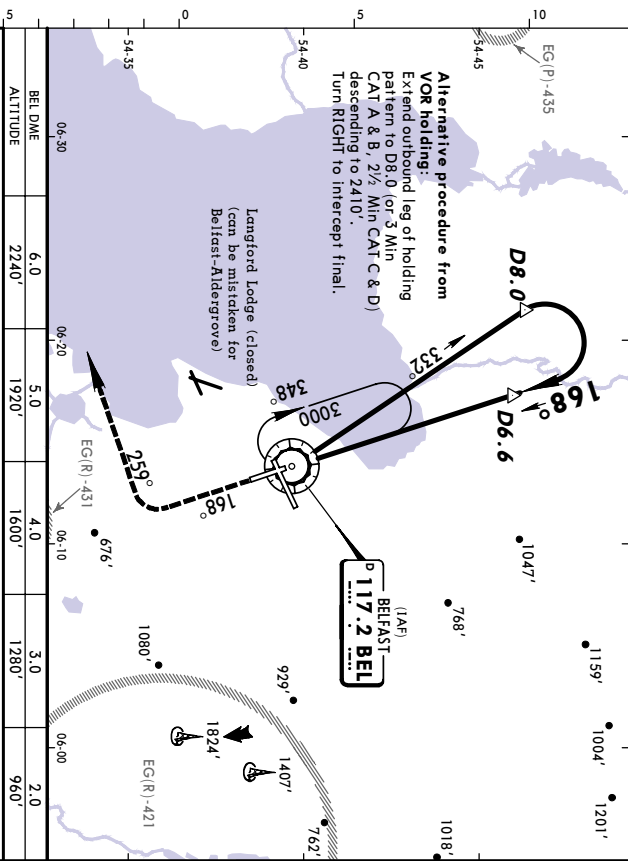
BELFAST, UK
VOR DME Rwy 17

ATIS	ALDERGROVE Approach (R)	ALDERGROVE Tower	*Ground
128.2	128.5	118.3	121.75
VOR BEL 117.2	Final Apch Crs 168° W/o DME Minimum Alt No FAF	W/ith DME Minimum Alt D6.6 MDA(H) (2204') W/o DME MDA(H) 630' (424')	Ap't Elev 268' RWY 206'

MISSED APCH: Climb STRAIGHT AHEAD to 1210', then climbing turn RIGHT onto track 259° to 3000'. Then turn RIGHT and proceed to VOR, or as directed.



Alt Set: hPa Rwy Elev: 8 hPa Trans level: By ATC Trans alt: 6000'



Grnd speed-Kts	70	90	100	120	140	160	HAIS
Descent Gradient 5.2%	369	474	527	632	737	843	1210'
MAP at VOR							PAIP

JAR-OPS STRAIGHT-IN LANDING RWY 17 W/o DME

MDA(H) 580' (374')	ALS out	MDA(H) 630' (424')	ALS out	Max Kts	MDA(H) 770' (502')	VIS
				100		1500m

A	RVR 900m	RVR 1500m	RVR 900m	RVR 1500m	135	780' (512')	1600m
B	RVR 1000m	RVR 1800m	RVR 1000m	RVR 1800m	180	1010' (742')	2400m
C	RVR 1400m	RVR 2000m	RVR 1400m	RVR 2000m	205	1370' (1102')	3600m

PANS OPS 4
CHANGES: Approach frequency.

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EGAA/BFS
ALDERGROVE

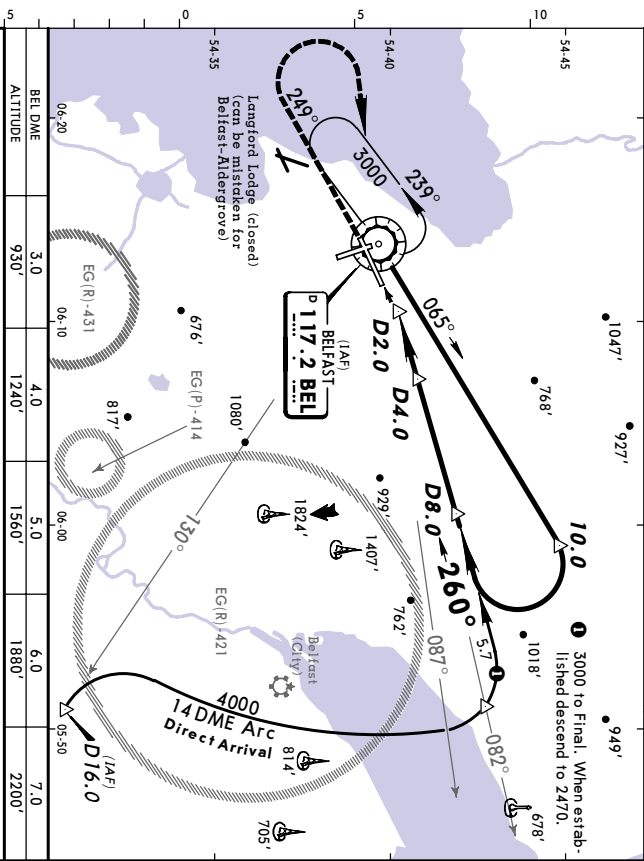
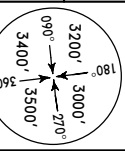
JEPPRESEN
9 MAY 03 (13-3) EFF 15 May

BELFAST, UK
VOR DME Rwy 25

ATIS	ALDERGROVE Approach (R)	ALDERGROVE Tower	*Ground
128.2	128.5	118.3	121.75
VOR BEL 117.2	Final Apch Crs 260° W/o DME Minimum Alt No FAF	W/ith DME Minimum Alt D8.0 MDA(H) (2202') W/o DME MDA(H) 670' (402')	Ap't Elev 268' RWY 268'

MISSED APCH: Climb on track 249° to 2500', then climbing turn RIGHT to return to VOR and hold at 3000', or as directed.

Alt Set: hPa Rwy Elev: 10 hPa Trans level: By ATC Trans alt: 6000'

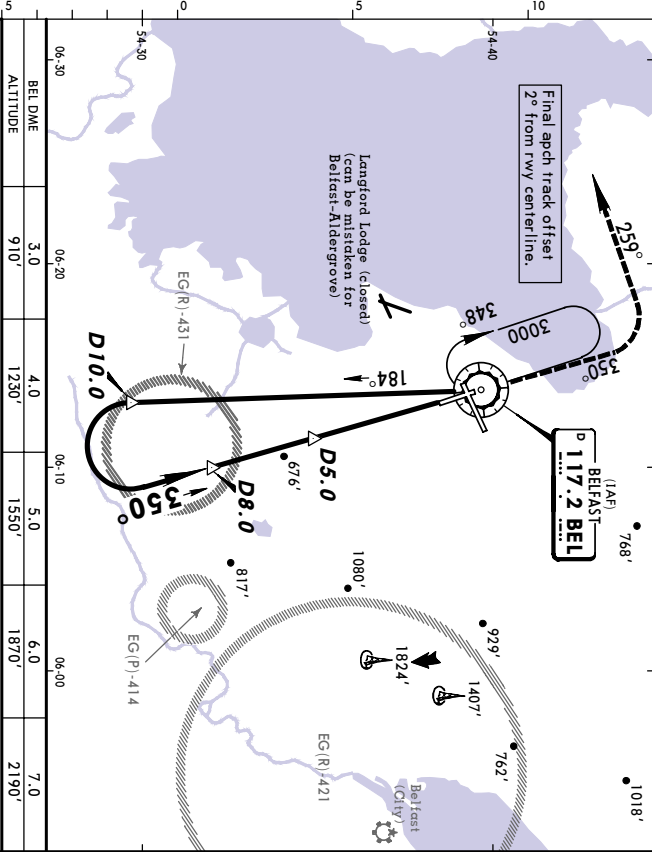
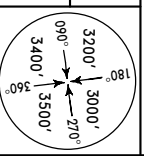


EGAA/BFS
ALDERGROVE

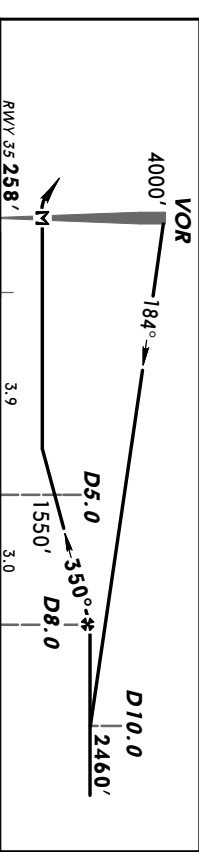
JEPPRESEN
9 MAY 03 **(13-4)** **EFT 15 MAY**

BELFAST, UK
VOR DME Rwy 35

ATIS		Alder Grove Approach (R)	Alder Grove Tower	*Ground
128.2	Final	128.5	118.3	121.75
VOR BEL	Apch Crs	D8.0	MDA(H) 710' (452')	Ap't Elev 268'
117.2	350°	2460' (2202')	Rwy 258'	
MISSED APCH: Climb STRAIGHT AHEAD to 1260', then climbing turn LEFT onto track 259° to 3000'. Then turn LEFT to return to VOR, or as directed.				
Alt Set: hPa	Rwy Elev: 9 hPa	Trans level: By ATC	Trans alt: 6000'	MSA ARP



BEL DME	06-30	06-30	06-10	06-00	7.0
ALTITUDE	910'	1230'	1550'	1870'	2190'



Grnd speed-Kts	70	90	100	120	140	160	HLAS	1260'
Descent Gradient	5.2%	369	474	527	632	737	843	
MAP at VOR	5.2%	369	474	527	632	737	843	

JAR OPS STRAIGHT-IN LANDING RWY 35

MDA(H) 710' (452')	ALS out	Max Kts	MDA(H) 770' (502')	VIS

A	RVR 1500m	RVR 1500m	100	770' (502')	1500m
B	RVR 1800m	RVR 1500m	135	780' (512')	1600m
C	RVR 2000m	RVR 2000m	180	1010' (742')	2400m
D	RVR 2000m	RVR 2000m	205	1370' (1102')	3600m

PANS OPS 4
CHANGES: Approach frequency.

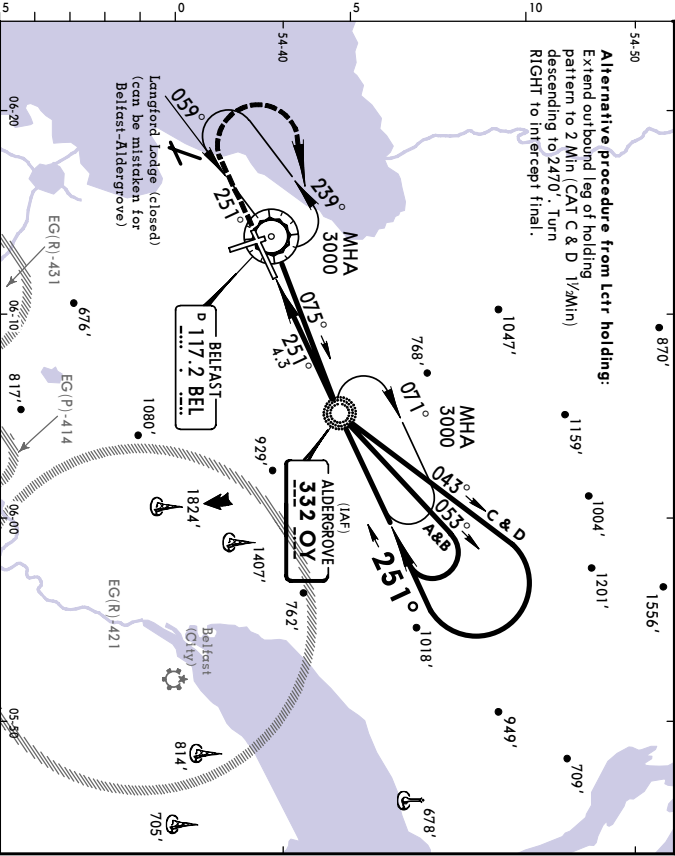
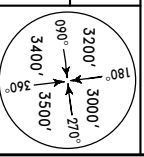
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EGAA/BFS
ALDERGROVE

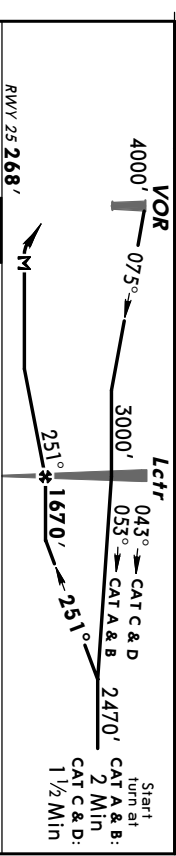
JEPPRESEN
9 MAY 03 **(16-1)** **EFT 18 MAY**

BELFAST, UK
NDB Rwy 25

ATIS		Alder Grove Approach (R)	Alder Grove Tower	*Ground
128.2	Lctr OY	128.5	118.3	121.75
Lctr OY	Apch Crs	D8.0	MDA(H) 800' (532')	Ap't Elev 268'
332	251°	1670' (1402')	Rwy 268'	
MISSED APCH: Climb STRAIGHT AHEAD to 1270', then climbing turn RIGHT. Proceed to Lctr holding at 3000', or as directed.				
Alt Set: hPa	Rwy Elev: 10 hPa	Trans level: By ATC	Trans alt: 6000'	MSA ARP



BEL DME	06-30	06-20	06-10	06-00	7.0
ALTITUDE	910'	1230'	1550'	1870'	2190'



Grnd speed-Kts	70	90	100	120	140	160	HLAS	1270'
Descent Gradient	5.2%	369	474	527	632	737	843	
Lctr to MAP	4.3	341	252	237	209	151	137	

JAR OPS STRAIGHT-IN LANDING RWY 25

MDA(H) 800' (532')	ALS out	Max Kts	MDA(H) 800' (532')	VIS

A	RVR 1000m	RVR 1500m	100	800' (532')	1500m
B	RVR 1200m	RVR 1500m	135	800' (532')	1600m
C	RVR 1600m	RVR 2000m	180	1010' (742')	2400m
D	RVR 1600m	RVR 2000m	205	1370' (1102')	3600m

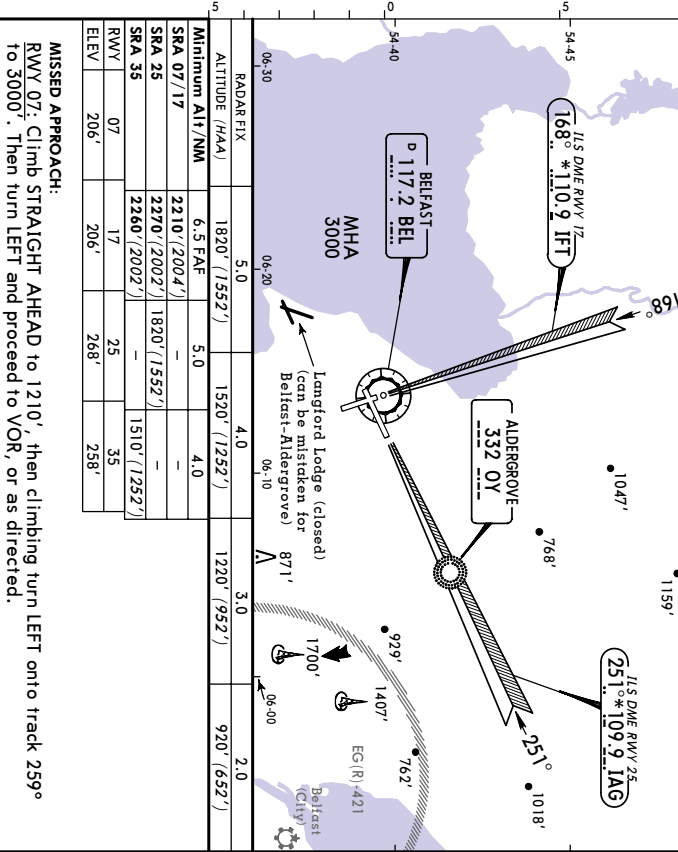
PANS OPS 4
CHANGES: Approach frequency.

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BELFAST, UK
VHF/DF Rwy 07
CAT A & B

BRIEFING STRIP				
ATIS	ALDERGROVE Approach (R)	ALDERGROVE Director (SRA)	ALDERGROVE Tower	*Ground
128.2	128.5	120.9	118.3	121.75
RADAR	<i>Final</i> <i>Appch</i> <i>Crs</i> By ATIS	<i>Minimum Alt</i> See table below	<i>MDA(H)</i> Refer to Minimums	<i>Apt Elev</i> 268' <i>RWys</i> - See below
Missed Approach - See below				
Alt Set: hPa Apt Elev: 10 hPa 1. OFE alt set normally used on final approach.		Trans level: By ATIS 2. ILS DME reads zero at rwy 17 & 25 thresholds.		Trans alt: 6000'

MSA ARP



	5.0	4.0	3.0	2.0
RADAR FIX				
ALTITUDE (HAA)	1820' (1552')	1520' (1252')	1220' (952')	920' (652')
Minimum Alt./NM	6.5 FAF	5.0		
SRA 07' / 17	2210' (2004')	–		
SRA 25	2270' (2002')	1820' (1552')	–	
SRA 35	2260' (2002')	–	1510' (1252')	
RWY	07	17	25	35
ELEV	206'	268'	258'	

MISSED APPROACH:
RWY 07: Climb STRAIGHT AHEAD to 1210', then climbing turn LEFT onto track 259° to 3000'. Then turn LEFT and proceed to VOR, or as directed.
RWY 17: Climb STRAIGHT AHEAD to 1210', then climbing turn RIGHT onto track 259° to 3000'. Then turn RIGHT and proceed to VOR, or as directed.
RWY 25: Climb STRAIGHT AHEAD to 2500', then climbing turn RIGHT and proceed to VOR to 3000', or as directed.
RWY 35: Climb STRAIGHT AHEAD to 1260', then climbing turn LEFT onto track 259° to 3000'. Then turn LEFT and proceed to VOR, or as directed.

<i>Gnd speed-Kts</i>	70	90	100	120	140	160
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	STRAIGHT-IN LANDING					CIRCLE-TO-LAND
Descent Gradient - 4.9%	347	447	456	595	695	Lighting - Refer to Refer to Missed Arch above
SRA 07/17 & 35: MAP 1 MM from touchdown						
SRA 25: MAP 2 MM from touchdown						
SRA 07/17 & 35: TMN 2 to MAP	1.0	0.51	0.40	0.36	0.30	
JAR OPS				0.26	0.23	

	SRA 07	SRA 17	SRA 25	SRA 35	
MDA(H) 560 (354)	MDA(H) 560 (354)	MDA(H) 920 (652)	MDA(H) 690 (432)		
ALS out	ALS out	ALS out	ALS out	ALS out	Max (Ks)
A R1300m	R900m	R1200m	R1300m	R1500m	MDA(H) 770 (502)
R1400m	R1500m	R1500m	R1500m	R1500m	1500m
R1600m	R1000m	R1400m	R1400m	R1500m	100
R1800m	R1800m	R1400m	R1600m	R1800m	780 (512)
R2000m	R2000m	R2000m	R1800m	R2000m	1010 (742)
			R1800m	R2000m	2400m
			R1800m	R2000m	1370 (1102)
					3600m