

HAMBURG
RNAV RWY 05

STANDARD INSTRUMENT ARRIVAL ROUTES
(STAR)

Designator		BOGMU 5A										
		BOGMU FIVE ALPHA										
Procedure Remark												
Route Type	Path Terminator	Waypoint Identifier	Coordinates	Fly-over	(True Track) MAG Track (°)	Distance (NM)	Turn Direction	Altitude (ft) Flight Level	Speed Limit (kt IAS)	Vertical Path Angle (°)	NAV Specification	Remark
Common	IF	BOGMU	N 53 58 45.00 E 010 17 19.66	N	-	-	-	FL110-A4000+	-	-	RNAV 1	-
Common	TF	DH225	N 53 42 47.20 E 010 22 36.13	N	(T168.9) 165	16.3	-	A4000+	@220	-	RNAV 1	-
Common	TF	DH226	N 53 40 14.90 E 010 17 24.37	N	(T230.6) 226	4.0	-	-	-	-	RNAV 1	-
Common	TF	DH227	N 53 37 42.37 E 010 12 13.21	N	(T230.5) 226	4.0	-	-	-	-	RNAV 1	-
Common	TF	DH228	N 53 35 09.63 E 010 07 02.67	N	(T230.4) 226	4.0	-	-	-	-	RNAV 1	-
Common	TF	DH229	N 53 32 36.66 E 010 01 52.74	N	(T230.4) 226	4.0	-	-	-	-	RNAV 1	-
Common	TF	DH230	N 53 30 03.46 E 009 56 43.41	N	(T230.3) 226	4.0	-	-	-	-	RNAV 1	-
Common	TF	DH231	N 53 27 30.05 E 009 51 34.69	N	(T230.2) 226	4.0	-	-	-	-	RNAV 1	-
Common	TF	DH232	N 53 24 56.41 E 009 46 26.58	N	(T230.2) 226	4.0	-	-	-	-	RNAV 1	-
Common	TF	DH233	N 53 22 22.56 E 009 41 19.07	N	(T230.1) 226	4.0	-	-	-	-	RNAV 1	-
Common	TF	DH234	N 53 19 48.48 E 009 36 12.17	N	(T230.0) 226	4.0	-	-	-	-	RNAV 1	-
Common	TF	DH235	N 53 17 14.56 E 009 31 06.62	N	(T230.0) 226	4.0	-	-	-	-	RNAV 1	-
Common	TF	DH255	N 53 21 03.58 E 009 25 44.17	N	(T319.9) 316	5.0	-	-	-	-	RNAV 1	-
Common	TF	DH256	N 53 23 38.09 E 009 30 50.60	N	(T049.8) 046	4.0	-	-	-	-	RNAV 1	-
Common	TF	DH257	N 53 26 12.38 E 009 35 57.64	N	(T049.9) 046	4.0	-	A4000+	@220	-	RNAV 1	-

Designator		BOGMU 3N										
		BOGMU THREE NOVEMBER										
Procedure Remark		By ATC only!										
Route Type	Path Terminator	Waypoint Identifier	Coordinates	Fly-over	(True Track) MAG Track (°)	Distance (NM)	Turn Direction	Altitude (ft) Flight Level	Speed Limit (kt IAS)	Vertical Path Angle (°)	NAV Specification	Remark
Common	IF	BOGMU	N 53 58 45.00 E 010 17 19.66	N	-	-	-	FL110-A4000+	-	-	RNAV 1	-
Common	TF	DH210	N 53 45 05.42 E 009 29 40.41	N	(T244.4) 240	31.4	-	A4000+	-	-	RNAV 1	-
Common	TF	DH211	N 53 41 46.45 E 009 25 55.25	N	(T213.9) 210	4.0	-	-	@220	-	RNAV 1	-
Common	TF	DH213	N 53 30 01.52 E 009 30 34.35	N	(T166.7) 162	12.1	-	-	-	-	RNAV 1	-
Common	TF	DH214	N 53 27 27.00 E 009 25 27.19	N	(T229.9) 226	4.0	-	-	-	-	RNAV 1	-
Common	TF	DH215	N 53 24 52.34 E 009 20 20.78	N	(T229.8) 226	4.0	-	-	-	-	RNAV 1	-
Common	TF	DH255	N 53 21 03.58 E 009 25 44.17	N	(T139.8) 136	5.0	-	-	-	-	RNAV 1	-
Common	TF	DH256	N 53 23 38.09 E 009 30 50.60	N	(T049.8) 046	4.0	-	-	-	-	RNAV 1	-
Common	TF	DH257	N 53 26 12.38 E 009 35 57.64	N	(T049.9) 046	4.0	-	A4000+	@220	-	RNAV 1	-

Designator		NOLGO 6A										
		NOLGO SIX ALPHA										
Procedure Remark												
Route Type	Path Terminator	Waypoint Identifier	Coordinates	Fly-over	(True Track) MAG Track (°)	Distance (NM)	Turn Direction	Altitude (ft) Flight Level	Speed Limit (kt IAS)	Vertical Path Angle (°)	NAV Specification	Remark
Common	IF	NOLGO	N 53 23 48.71 E 010 08 18.03	N	-	-	-	FL110-A4000+	-	-	RNAV 1	-
Common	TF	DH230	N 53 30 03.46 E 009 56 43.41	N	(T312.2) 308	9.3	-	A4000+	@220	-	RNAV 1	-
Common	TF	DH231	N 53 27 30.05 E 009 51 34.69	N	(T230.2) 226	4.0	-	-	-	-	RNAV 1	-
Common	TF	DH232	N 53 24 56.41 E 009 46 26.58	N	(T230.2) 226	4.0	-	-	-	-	RNAV 1	-
Common	TF	DH233	N 53 22 22.56 E 009 41 19.07	N	(T230.1) 226	4.0	-	-	-	-	RNAV 1	-
Common	TF	DH234	N 53 19 48.48 E 009 36 12.17	N	(T230.0) 226	4.0	-	-	-	-	RNAV 1	-
Common	TF	DH235	N 53 17 14.56 E 009 31 06.62	N	(T230.0) 226	4.0	-	-	-	-	RNAV 1	-
Common	TF	DH255	N 53 21 03.58 E 009 25 44.17	N	(T319.9) 316	5.0	-	-	-	-	RNAV 1	-
Common	TF	DH256	N 53 23 38.09 E 009 30 50.60	N	(T049.8) 046	4.0	-	-	-	-	RNAV 1	-
Common	TF	DH257	N 53 26 12.38 E 009 35 57.64	N	(T049.9) 046	4.0	-	A4000+	@220	-	RNAV 1	-