

LIMC

Milano Malpensa

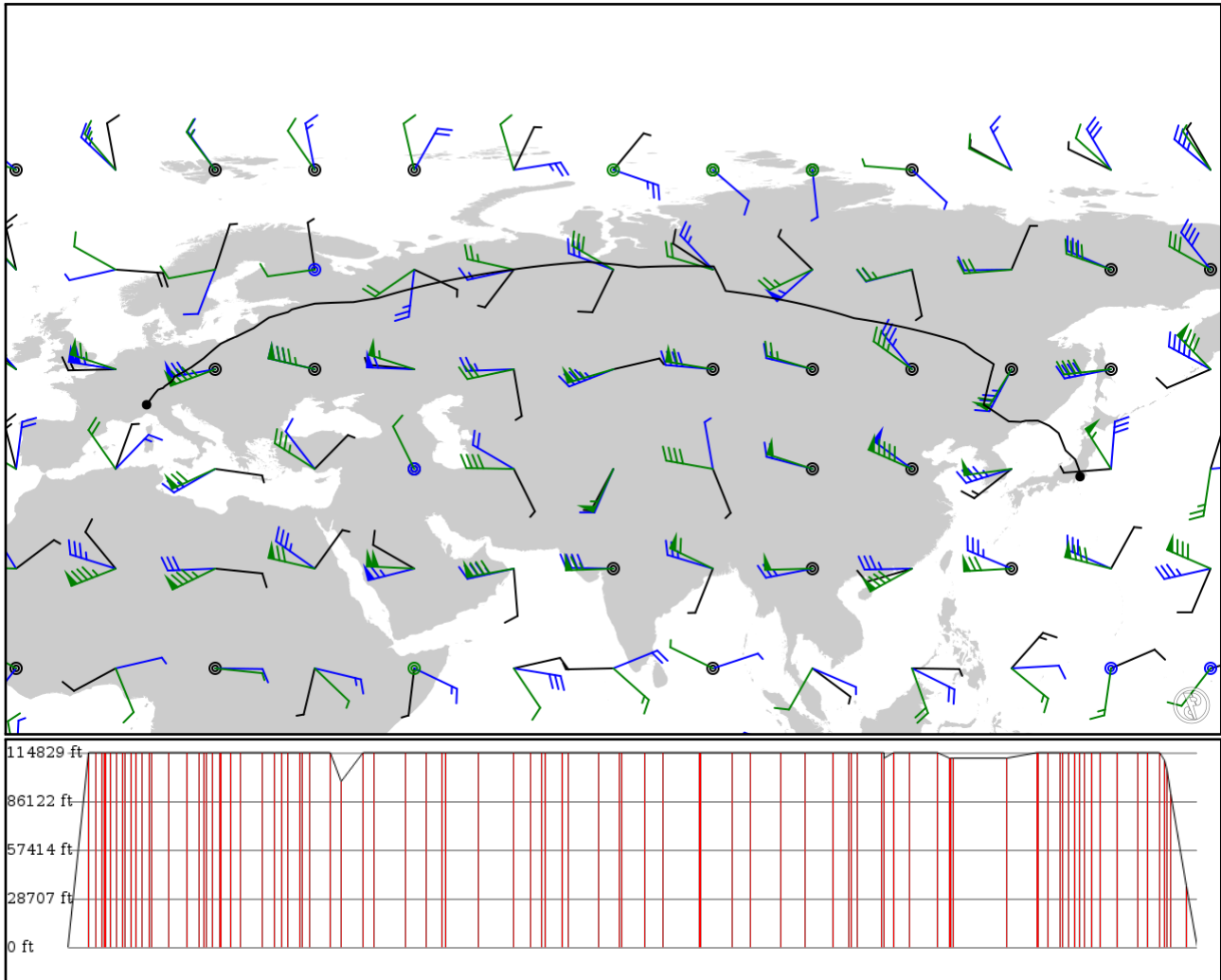
RJTT

Tokyo Haneda Intl

2024/05/14 1932Z

LIMC INTEX KPT T103 MAH UL132 AGNAV UZ30 DOTAK UT40 OKX UP733 KMI UM994 GOMED R801 RUSNE UM994
PIRUS B170 OS G59 GR R30 METAT R822 UHT R30 LAGNI R348 USMM G719 TARSA B154 NOGLO G490 PTG R809
UIKK R211 AMBAR AMBAR R211 TH01 5300N12500E BANIR B149 SIMLI A588 HRB B451 KADBO R211 GTC V15
AKAGI RJTT

5678.89 nm / 10517.30 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes

- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LIMC APT	-	45.63061 8.72811	0 ft 0 m	-	Milano Malpensa
INTEX FIX	-	47.18250 9.85972	35,000 ft 10,668 m	104	-
KPT VOR	-	47.74583 10.34972	35,000 ft 10,668 m	39	KEMPTEN VOR-DME
MERSI FIX	T103 AWY-HI	47.98222 11.04250	35,000 ft 10,668 m	31	-
AMPEG FIX	T103 AWY-HI	48.13222 11.17806	35,000 ft 10,668 m	10	-
MAH VOR	T103 AWY-HI	48.26343 11.31193	35,000 ft 10,668 m	9	MAISACH VOR-DME
LASMI FIX	UL132 AWY-HI	48.54167 11.71667	35,000 ft 10,668 m	23	-
MAMOR FIX	UL132 AWY-HI	48.88583 12.22222	35,000 ft 10,668 m	28	-
RUDNO FIX	UL132 AWY-HI	49.33583 12.54139	35,000 ft 10,668 m	29	-
AGNAV FIX	UL132 AWY-HI	49.56713 12.61344	35,000 ft 10,668 m	14	-
LOMKI FIX	UZ30 AWY-HI	49.90934 13.24122	35,000 ft 10,668 m	31	-
RAK NDB	UZ30 AWY-HI	50.09706 13.69072	35,000 ft 10,668 m	20	RAKOVNIK NDB
DOTAK FIX	UZ30 AWY-HI	50.45761 14.28219	35,000 ft 10,668 m	31	-
OKX VOR	UT40 AWY-HI	50.90268 15.03190	35,000 ft 10,668 m	39	FRYDLANT VOR-DME
MARAM FIX	UP733 AWY-HI	51.01222 15.17806	35,000 ft 10,668 m	8	-
CZE VOR	UP733 AWY-HI	52.13061 16.72713	35,000 ft 10,668 m	88	CZEMPIN VOR-DME
EBOGU FIX	UP733 AWY-HI	53.37889 18.14972	35,000 ft 10,668 m	91	-
KMI VOR	UP733 AWY-HI	54.20130 19.14507	35,000 ft 10,668 m	60	KMIECIN VOR
GOMED FIX	UM994 AWY-HI	54.45333 19.65833	35,000 ft 10,668 m	23	-
URAMA FIX	R801 AWY-HI	54.60833 19.99000	35,000 ft 10,668 m	14	-
UMKK APT	R801 AWY-HI	54.89005 20.59264	35,000 ft 10,668 m	26	KHRABROVO
RUSNE FIX	R801 AWY-HI	55.23500 21.44000	35,000 ft 10,668 m	35	-
GILUT FIX	UM994 AWY-HI	55.35500 21.67194	35,000 ft 10,668 m	10	-
EKTON FIX	UM994 AWY-HI	55.90139 22.76972	35,000 ft 10,668 m	49	-
GUNTA FIX	UM994 AWY-HI	56.37139 23.75556	35,000 ft 10,668 m	43	-
VALGA FIX	UM994 AWY-HI	57.85389 25.91611	35,000 ft 10,668 m	113	-
PIRUS	UM994	58.33000	35,000 ft	58	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	27.51500	10,668 m		
SERBI	B170	58.63306	35,000 ft	38	-
FIX	AWY-HI	28.59778	10,668 m		
OS	B170	59.00000	35,000 ft	27	OSMINO NDB
NDB	AWY-HI	29.11667	10,668 m		
NURMA	G59	59.50139	35,000 ft	66	-
FIX	AWY-HI	31.04417	10,668 m		
MALUK	G59	59.58972	35,000 ft	12	-
FIX	AWY-HI	31.40417	10,668 m		
GR	G59	59.81667	35,000 ft	31	GORKA NDB
NDB	AWY-HI	32.35000	10,668 m		
ABEDO	R30	59.96833	35,000 ft	105	-
FIX	AWY-HI	35.83278	10,668 m		
SU	R30	60.02000	29,800 ft	57	BELOZERSK NDB
NDB	AWY-HI	37.75944	9,083 m		
METAT	R30	60.58333	35,000 ft	108	-
FIX	AWY-HI	41.21444	10,668 m		
RUSEN	R822	61.03833	35,000 ft	52	-
FIX	AWY-HI	42.73278	10,668 m		
GUBIR	R822	62.33861	35,000 ft	161	-
FIX	AWY-HI	47.69944	10,668 m		
TITKO	R822	63.06694	35,000 ft	103	-
FIX	AWY-HI	51.12278	10,668 m		
UHT	R822	63.56056	35,000 ft	77	UKHTA VOR-DME
VOR	AWY-HI	53.79389	10,668 m		
NODES	R30	63.69861	35,000 ft	20	-
FIX	AWY-HI	54.50778	10,668 m		
AVRAL	R30	64.61667	35,000 ft	161	-
FIX	AWY-HI	60.30000	10,668 m		
TALED	R30	65.41667	35,000 ft	181	-
FIX	AWY-HI	67.20000	10,668 m		
LAGNI	R30	65.66722	35,000 ft	85	-
FIX	AWY-HI	70.58167	10,668 m		
USMM	R348	65.48000	35,000 ft	53	-
APT	AWY-HI	72.70333	10,668 m		
INROS	G719	65.40389	35,000 ft	20	-
FIX	AWY-HI	73.50194	10,668 m		
DIKEN	G719	65.05389	35,000 ft	83	-
FIX	AWY-HI	76.69528	10,668 m		
TARSA	G719	64.91722	35,000 ft	28	-
FIX	AWY-HI	77.78194	10,668 m		
SONKA	B154	65.07389	35,000 ft	153	-
FIX	AWY-HI	83.80083	10,668 m		
VEREL	B154	65.03917	35,000 ft	105	-
FIX	AWY-HI	87.95083	10,668 m		
NOGLO	B154	65.02917	35,000 ft	10	-
FIX	AWY-HI	88.35250	10,668 m		
LONZA	G490	63.10389	35,000 ft	118	-
FIX	AWY-HI	89.32778	10,668 m		
PTG	G490	61.59889	35,000 ft	92	PODKAMENNAYA TUNGUSKA VOR-DME
VOR	AWY-HI	90.01278	10,668 m		
NELMA	R809	60.70889	35,000 ft	179	-
FIX	AWY-HI	95.92972	10,668 m		
LEVOK	R809	60.67556	35,000 ft	5	-
FIX	AWY-HI	96.11472	10,668 m		
BAGAL	R809	59.68389	35,000 ft	158	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	101.03333	10,668 m		
SODRA	R809	58.99389	35,000 ft	95	-
FIX	AWY-HI	103.86000	10,668 m		
UIKK	R809	57.77020	35,000 ft	151	Kirensk
APT	AWY-HI	108.05522	10,668 m		
TIRKA	R211	57.19389	35,000 ft	118	-
FIX	AWY-HI	111.57889	10,668 m		
KIMBA	R211	56.35556	35,000 ft	144	-
FIX	AWY-HI	115.68556	10,668 m		
URIPA	R211	55.84222	35,000 ft	78	-
FIX	AWY-HI	117.83556	10,668 m		
ABGEL	R211	55.77056	35,000 ft	10	-
FIX	AWY-HI	118.11889	10,668 m		
SOTEN	R211	55.55889	35,000 ft	30	-
FIX	AWY-HI	118.94750	10,668 m		
LEDIS	R211	54.66389	35,000 ft	122	-
FIX	AWY-HI	122.14083	10,668 m		
AMBAR	R211	54.55056	35,000 ft	14	-
FIX	AWY-HI	122.51750	10,668 m		
AMBAR	-	54.55000	34,000 ft	0	-
FIX	-	122.51667	10,363 m		
TH01	R211	54.11667	35,000 ft	45	-
APT	AWY-HI	123.58333	10,668 m		
5300N12500E	-	53.00000	35,000 ft	83	-
LATLON	-	125.00000	10,668 m		
BANIR	-	51.32528	35,000 ft	140	-
FIX	-	127.66750	10,668 m		
BLG	B149	50.39361	34,000 ft	56	BLAGOVESHCHENSK Ignatyev VOR-
VOR	AWY-HI	127.42750	10,363 m		
SIMLI	B149	50.29000	34,000 ft	6	-
FIX	AWY-HI	127.36833	10,363 m		
QD	A588	50.10000	34,000 ft	11	HEIHE NDB
NDB	AWY-HI	127.33500	10,363 m		
HRB	A588	45.62333	34,000 ft	272	HARBIN VOR-DME
VOR	AWY-HI	126.26000	10,363 m		
LEPNI	B451	43.92333	35,000 ft	150	-
FIX	AWY-HI	128.85000	10,668 m		
ATODO	B451	43.80833	35,000 ft	10	-
FIX	AWY-HI	129.02000	10,668 m		
WQG	B451	43.29500	35,000 ft	45	WANGQING VOR-DME
VOR	AWY-HI	129.78333	10,668 m		
BISUN	B451	43.23333	35,000 ft	61	-
FIX	AWY-HI	131.19667	10,668 m		
SANAR	B451	43.21528	35,000 ft	11	-
FIX	AWY-HI	131.45083	10,668 m		
UHW	B451	43.38392	35,000 ft	32	KNEVICH
APT	AWY-HI	132.14738	10,668 m		
PERAS	B451	43.39194	35,000 ft	32	-
FIX	AWY-HI	132.88778	10,668 m		
SEGUL	B451	43.40028	35,000 ft	20	-
FIX	AWY-HI	133.35111	10,668 m		
LAMKA	B451	43.40028	35,000 ft	23	-
FIX	AWY-HI	133.88444	10,668 m		
DELOK	B451	43.04000	35,000 ft	41	-
FIX	AWY-HI	134.68333	10,668 m		
TEKUK	B451	42.68333	35,000 ft	40	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	135.45667	10,668 m		
IGROD	B451	41.65000	35,000 ft	85	-
FIX	AWY-HI	136.78333	10,668 m		
HOKKE	B451	40.00268	35,000 ft	103	-
FIX	AWY-HI	137.44178	10,668 m		
KADBO	B451	39.23611	35,000 ft	48	-
FIX	AWY-HI	137.74679	10,668 m		
GTC40	R211	38.46923	35,000 ft	60	-
FIX	AWY-HI	138.57069	10,668 m		
BASIN	R211	38.12100	33,600 ft	27	-
FIX	AWY-HI	138.94203	10,241 m		
GTC	R211	37.95829	31,900 ft	12	NIIGATA VORTAC
VOR	AWY-HI	139.11489	9,723 m		
GTC15	V15	37.71875	27,700 ft	15	-
FIX	AWY-HI	139.20634	8,443 m		
AKAGI	V15	36.39121	11,000 ft	83	-
FIX	AWY-LO	139.69898	3,353 m		
RJTT	-	35.54825	0 ft	50	Tokyo Haneda Intl
APT	-	139.78855	0 m		

LIMC

Region: ITALY
Timezone: EUROPE/ROME
Runways: 2

Elevation: 767 ft / 234 m
Location: 45.630600 8.728120
Magnetic Var: 3.123 E

METAR

LIMC 141850Z 01005KT 9999 -RA BKN035 BKN080 16/14 Q1010 NOSIG

TAF

TAF LIMC 141700Z 1418/1524 VRB05KT 9999 BKN020 TEMPO 1418/1424 3000 TSRA BECMG 1421/1423 10012KT TEMPO 1500/1508 S

Frequencies

REC - 120.02 MHz - ATIS ARRIVAL	REC - 121.62 MHz - ATIS DEPARTURE
CLD - 120.90 MHz - CLEARANCE DELIVERY	GND - 121.82 MHz - MALPENSA GROUND
GND - 121.90 MHz - MALPENSA GROUND	TWR - 119.00 MHz - MALPENSA TOWER
TWR - 128.35 MHz - MALPENSA TOWER	APP - 126.75 MHz - MILANO APPROACH
APP - 125.62 MHz - MILANO APPROACH	APP - 132.70 MHz - MILANO APPROACH
DEP - 126.30 MHz - MILANO DEPARTURE	DEP - 126.75 MHz - MILANO DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17R	197 ft	12,873 ft	169.06	ASPHALT	0 ft	387 ft
	60 m	3,924 m	165.94		0 m	118 m
35L	197 ft	12,873 ft	349.07	ASPHALT	1,319 ft	197 ft
	60 m	3,924 m	345.95		402 m	60 m
17L	197 ft	12,873 ft	169.06	ASPHALT	3,081 ft	207 ft
	60 m	3,924 m	165.94		939 m	63 m
35R	197 ft	12,873 ft	349.07	ASPHALT	0 ft	180 ft
	60 m	3,924 m	345.95		0 m	55 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
17L	DME	IMSL	110.75 MHz	25 nm	-	-	792 ft
				46 km	-		792 m
35L	DME	IMA	109.10 MHz	25 nm	-	-	768 ft
				46 km	-		768 m
35R	DME	MLP	109.90 MHz	18 nm	-	-	713 ft
				33 km	-		713 m
17L	LOC-ILS	IMSL	110.75 MHz	18 nm	169.06	-	697 ft
				33 km	165.94		697 m
35L	LOC-ILS	IMA	109.10 MHz	18 nm	349.07	-	767 ft
				33 km	345.94		767 m
35R	LOC-ILS	MLP	109.90 MHz	18 nm	349.07	-	780 ft
				33 km	345.94		780 m
17L	GS	IMSL	110.75 MHz	10 nm	170.24	3.00	792 ft
				19 km	167.12		792 m
35L	GS	IMA	109.10 MHz	10 nm	350.24	3.00	768 ft
				19 km	347.12		768 m
35R	GS	MLP	109.90 MHz	10 nm	350.24	3.00	740 ft
				19 km	347.12		740 m

RJTT

Region: JAPAN
Timezone: ASIA/TOKYO
Runways: 4

Elevation: 20 ft / 6 m
Location: 35.547900 139.789000
Magnetic Var: 7.806 W

METAR

RJTT 141900Z 02004KT 350V050 9999 BKN016 BKN/// 16/12 Q1018 NOSIG RMK 6SC016 A3007

TAF

TAF RJTT 141705Z 1418/1600 36008KT 9999 FEW015 SCT030 BECMG 1422/1500 10006KT BECMG 1506/1509 18012KT BECMG 1512/

Frequencies

REC - 128.80 MHz - TOKYO ATIS	CLD - 121.87 MHz - TOKYO DELIVERY
CLD - 121.82 MHz - TOKYO DELIVERY	GND - 118.22 MHz - TOKYO GROUND
GND - 121.62 MHz - TOKYO GROUND	GND - 121.70 MHz - TOKYO GROUND
GND - 121.97 MHz - TOKYO GROUND	GND - 122.07 MHz - TOKYO GROUND
TWR - 118.10 MHz - TOKYO TOWER	TWR - 118.57 MHz - TOKYO TOWER
TWR - 118.72 MHz - TOKYO TOWER	TWR - 124.35 MHz - TOKYO TOWER
TWR - 118.80 MHz - TOKYO TOWER	TWR - 116.20 MHz - TOKYO TOWER
APP - 119.10 MHz - TOKYO APPROACH	APP - 119.40 MHz - TOKYO APPROACH
APP - 119.65 MHz - TOKYO APPROACH	APP - 119.70 MHz - TOKYO APPROACH
APP - 125.40 MHz - TOKYO APPROACH	APP - 121.27 MHz - TOKYO APPROACH
APP - 124.40 MHz - TOKYO APPROACH	APP - 125.20 MHz - TOKYO APPROACH
APP - 125.80 MHz - TOKYO APPROACH	APP - 127.70 MHz - TOKYO APPROACH
DEP - 126.00 MHz - TOKYO DEPARTURE	DEP - 120.80 MHz - TOKYO DEPARTURE
DEP - 127.50 MHz - TOKYO DEPARTURE	DEP - 127.60 MHz - TOKYO DEPARTURE
DEP - 124.20 MHz - TOKYO DEPARTURE	DEP - 119.60 MHz - TOKYO DEPARTURE
DEP - 120.60 MHz - TOKYO DEPARTURE	DEP - 125.52 MHz - TOKYO DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16L	197 ft	11,039 ft	150.01	ASPHALT	0 ft	190 ft
	60 m	3,365 m	157.82		0 m	58 m
34R	197 ft	11,039 ft	330.02	ASPHALT	1,181 ft	194 ft
	60 m	3,365 m	337.83		360 m	59 m
04	197 ft	8,211 ft	34.92	ASPHALT	0 ft	194 ft
	60 m	2,503 m	42.73		0 m	59 m
22	197 ft	8,211 ft	214.93	ASPHALT	0 ft	190 ft
	60 m	2,503 m	222.74		0 m	58 m
16R	197 ft	9,855 ft	149.98	ASPHALT	0 ft	0 ft
	60 m	3,004 m	157.79		0 m	0 m
34L	197 ft	9,855 ft	329.99	ASPHALT	0 ft	190 ft
	60 m	3,004 m	337.80		0 m	58 m
05	197 ft	8,206 ft	42.44	ASPHALT	0 ft	190 ft
	60 m	2,501 m	50.25		0 m	58 m
23	197 ft	8,206 ft	222.45	ASPHALT	0 ft	194 ft
	60 m	2,501 m	230.26		0 m	59 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
22	DME	IAD	108.10 MHz	18 nm	-	-	46 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				33 km	-		46 m
23	DME	ITD	110.50 MHz	18 nm	-	-	20 ft
				33 km	-		20 m
34L	DME	IHA	111.70 MHz	18 nm	-	-	38 ft
				33 km	-		38 m
34R	DME	ITC	108.90 MHz	18 nm	-	-	21 ft
				33 km	-		21 m
16L	LOC-ILS	IOC	111.95 MHz	18 nm	150.02	-	20 ft
				33 km	157.83		20 m
16R	LOC-ILS	ITA	111.55 MHz	18 nm	149.99	-	20 ft
				33 km	157.80		20 m
22	LOC-ILS	IAD	108.10 MHz	18 nm	214.93	-	20 ft
				33 km	222.74		20 m
23	LOC-ILS	ITD	110.50 MHz	18 nm	222.45	-	20 ft
				33 km	230.26		20 m
34L	LOC-ILS	IHA	111.70 MHz	18 nm	329.99	-	20 ft
				33 km	337.80		20 m
34R	LOC-ILS	ITC	108.90 MHz	18 nm	330.02	-	20 ft
				33 km	337.83		20 m
16L	GS	IOC	111.95 MHz	10 nm	150.02	3.00	20 ft
				19 km	157.83		20 m
16R	GS	ITA	111.55 MHz	10 nm	149.99	3.00	20 ft
				19 km	157.80		20 m
22	GS	IAD	108.10 MHz	10 nm	214.93	3.00	20 ft
				19 km	222.74		20 m
23	GS	ITD	110.50 MHz	10 nm	222.45	3.00	20 ft
				19 km	230.26		20 m
34L	GS	IHA	111.70 MHz	10 nm	329.99	3.00	20 ft
				19 km	337.80		20 m
34R	GS	ITC	108.90 MHz	10 nm	330.02	3.00	20 ft
				19 km	337.83		20 m