

# **VNY HARYS SID\_FINAL\_SUBMITTED**

**Point Of Contact**

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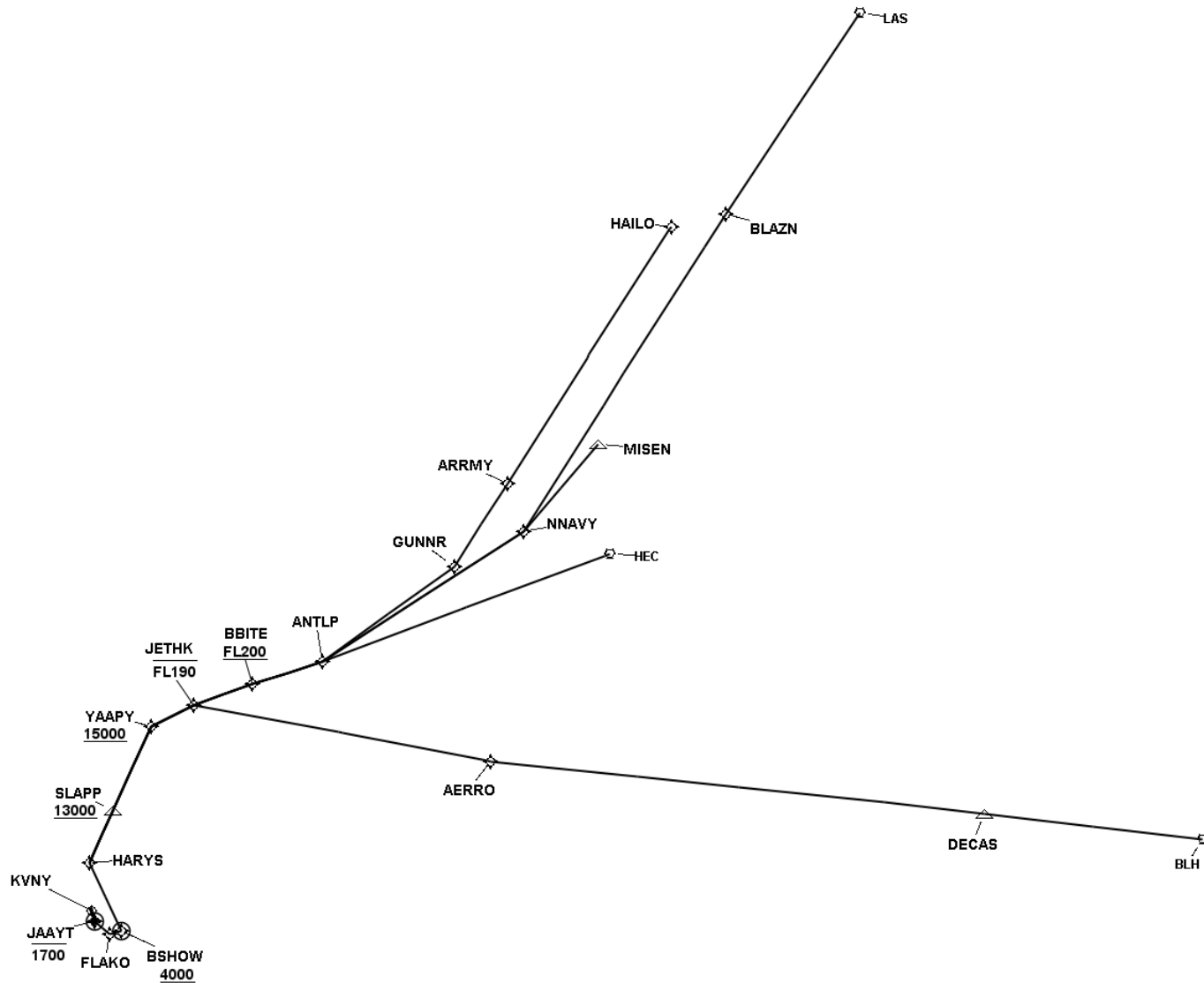
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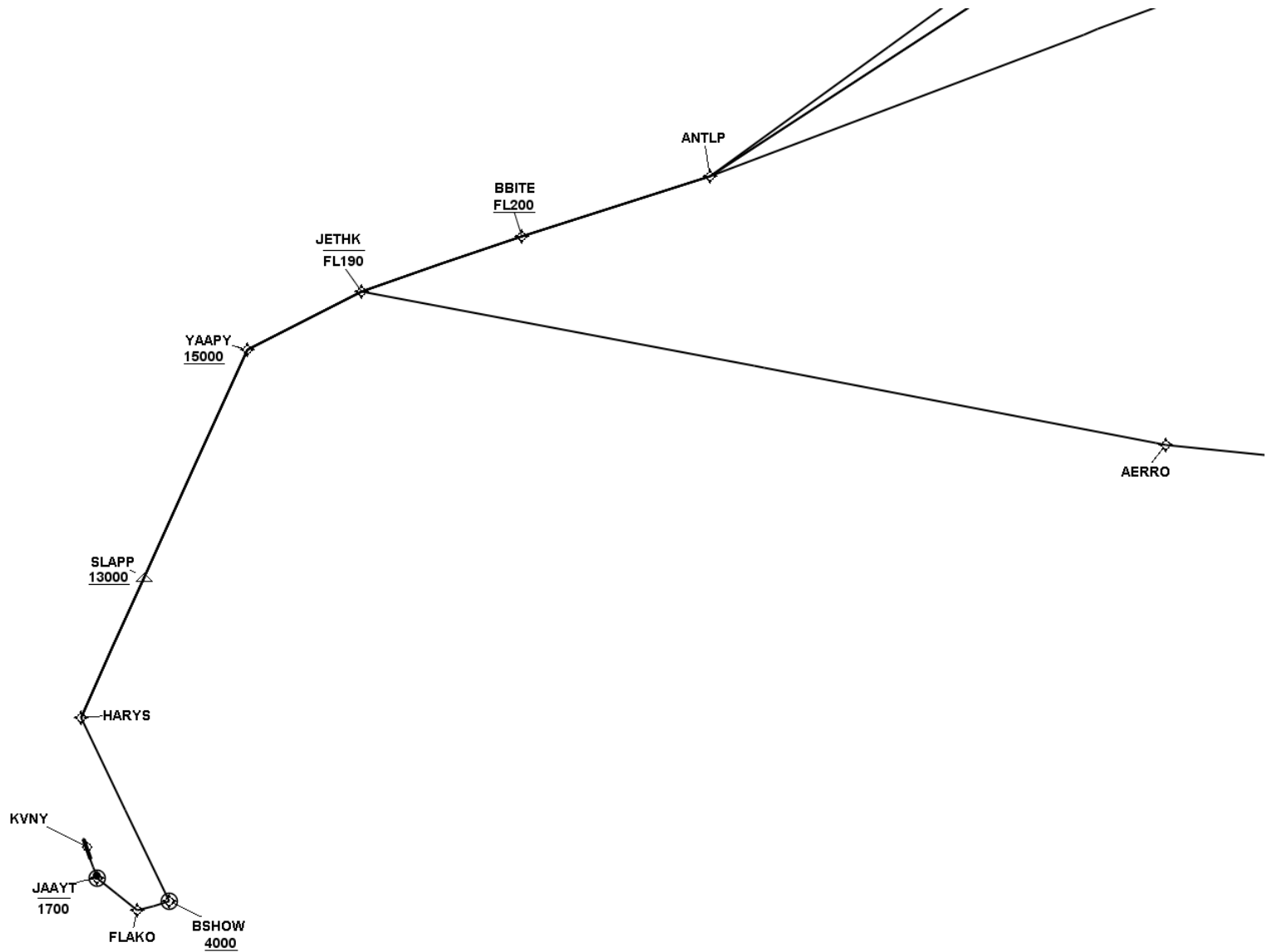
## **TARGETS Distribution Package**

**Version:5.0.4.1**

**Date: Wed Nov 18 12:49:39 EST 2015**



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### Runway Transition Data - RW16R

DB	End Point	Latitude (D° M' S.ss")	Longitude (D° M' S.ss")	FO/FB	Leg	TC	MC	Distance	Altitude	Speed	MEA	MOCA	Arc Center Lat (D° M' S.ss")	Arc Center Lon (D° M' S.ss")	Arc Radius (NM)
AVNIS	DER RW16R	N34 11 49.18	W118 29 21.01												
					VA	175.51	163.51	1.15	+1320						
	JAAYT WP	N34 10 34.56	W118 29 13.96	FO	DF			.10	-1700						
	FLAKO WP	N34 07 58.93	W118 26 58.00	FB	DF			3.20							
	BSHOW WP	N34 07 58.95	W118 24 26.10	FO	TF	89.98	77.98	2.10	+4000						
	HARYS WP	N34 20 25.96	W118 27 16.49	FB	DF			12.65							

### En Route Transition Data - BLH

DB	End Point	Latitude (D° M' S.ss")	Longitude (D° M' S.ss")	FO/FB	Leg	TC	MC	Distance	Altitude	Speed	MEA	MOCA	Arc Center Lat (D° M' S.ss")	Arc Center Lon (D° M' S.ss")	Arc Radius (NM)
	HARYS WP	N34 20 25.96	W118 27 16.49		IF										
AVNIS	SLAPP WP	N34 27 50.14	W118 19 54.07	FB	TF	39.51	27.51	9.58	+13000		7100				
	YAAPY WP	N34 39 53.00	W118 07 50.00	FB	TF	39.59	27.59	15.62	+15000		13000				
	JETHK WP	N34 41 29.87	W117 58 19.35	FB	TF	78.34	66.34	8.01	-19000		15000				
	AERRO WP	N34 19 19.37	W117 02 20.21	FB	TF	115.30	103.30	51.29			15000				
AVNIS	DECAS WP	N33 49 24.93	W115 27 23.80	FB	TF	110.29	98.29	84.33			15000				
AVNIS	BLH VORTAC	N33 35 45.83	W114 45 40.58	FB	TF	111.19	99.19	37.38			15000				

### En Route Transition Data - HAILO

DB	End Point	Latitude (D° M' S.ss")	Longitude (D° M' S.ss")	FO/FB	Leg	TC	MC	Distance	Altitude	Speed	MEA	MOCA	Arc Center Lat (D° M' S.ss")	Arc Center Lon (D° M' S.ss")	Arc Radius (NM)
	HARYS WP	N34 20 25.96	W118 27 16.49		IF										
AVNIS	SLAPP WP	N34 27 50.14	W118 19 54.07	FB	TF	39.51	27.51	9.58	+13000		7100				
	YAAPY WP	N34 39 53.00	W118 07 50.00	FB	TF	39.59	27.59	15.62	+15000		13000				
	JETHK WP	N34 41 29.87	W117 58 19.35	FB	TF	78.34	66.34	8.01	-19000		15000				
	BBITE WP	N34 42 16.22	W117 45 30.87	FB	TF	85.76	73.76	10.59	+20000		15000				
	ANTLP WP	N34 42 51.26	W117 30 29.82	FB	TF	87.23	75.23	12.39			15000				
AVNIS	GUNNR WP	N34 52 37.00	W116 59 13.00	FB	TF	69.13	57.13	27.54			15000				
	ARRMY WP	N35 03 48.00	W116 44 24.00	FB	TF	47.41	35.41	16.52			15000				
	HAILO WP	N35 38 14.00	W115 58 16.00	FB	TF	47.44	35.44	51.05			15000				

### En Route Transition Data - HEC

DB	End Point	Latitude (D° M' S.ss")	Longitude (D° M' S.ss")	FO/FB	Leg	TC	MC	Distance	Altitude	Speed	MEA	MOCA	Arc Center Lat (D° M' S.ss")	Arc Center Lon (D° M' S.ss")	Arc Radius (NM)
	HARYS WP	N34 20 25.96	W118 27 16.49		IF										
AVNIS	SLAPP WP	N34 27 50.14	W118 19 54.07	FB	TF	39.51	27.51	9.58	+13000		7100				
	YAAPY WP	N34 39 53.00	W118 07 50.00	FB	TF	39.59	27.59	15.62	+15000		13000				
	JETHK WP	N34 41 29.87	W117 58 19.35	FB	TF	78.34	66.34	8.01	-19000		15000				
	BBITE WP	N34 42 16.22	W117 45 30.87	FB	TF	85.76	73.76	10.59	+20000		15000				
	ANTLP WP	N34 42 51.26	W117 30 29.82	FB	TF	87.23	75.23	12.39			15000				
AVNIS	HEC VORTAC	N34 47 49.26	W116 27 46.52	FB	TF	84.22	72.22	51.92			15000				

### En Route Transition Data - LAS

DB	End Point	Latitude (D° M' S.ss")	Longitude (D° M' S.ss")	FO/FB	Leg	TC	MC	Distance	Altitude	Speed	MEA	MOCA	Arc Center Lat (D° M' S.ss")	Arc Center Lon (D° M' S.ss")	Arc Radius (NM)
	HARYS WP	N34 20 25.96	W118 27 16.49		IF										
AVNIS	SLAPP WP	N34 27 50.14	W118 19 54.07	FB	TF	39.51	27.51	9.58	+13000		7100				
	YAAPY WP	N34 39 53.00	W118 07 50.00	FB	TF	39.59	27.59	15.62	+15000		13000				
	JETHK WP	N34 41 29.87	W117 58 19.35	FB	TF	78.34	66.34	8.01	-19000		15000				
	BBITE WP	N34 42 16.22	W117 45 30.87	FB	TF	85.76	73.76	10.59	+20000		15000				
	ANTLP WP	N34 42 51.26	W117 30 29.82	FB	TF	87.23	75.23	12.39			15000				
	NNAVY WP	N34 55 13.98	W116 43 45.07	FB	TF	71.98	59.98	40.42			15000				
	BLAZN WP	N35 37 55.21	W115 46 46.06	FB	TF	47.31	35.31	63.19			15000				
AVNIS	LAS VORTAC	N36 04 46.93	W115 09 35.27	FB	TF	48.23	36.23	40.41			15000				

### En Route Transition Data - MISEN

DB	End Point	Latitude (D° M' S.ss")	Longitude (D° M' S.ss")	FO/FB	Leg	TC	MC	Distance	Altitude	Speed	MEA	MOCA	Arc Center Lat (D° M' S.ss")	Arc Center Lon (D° M' S.ss")	Arc Radius (NM)
	HARYS WP	N34 20 25.96	W118 27 16.49		IF										
AVNIS	SLAPP WP	N34 27 50.14	W118 19 54.07	FB	TF	39.51	27.51	9.58	+13000		7100				
	YAAPY WP	N34 39 53.00	W118 07 50.00	FB	TF	39.59	27.59	15.62	+15000		13000				
	JETHK WP	N34 41 29.87	W117 58 19.35	FB	TF	78.34	66.34	8.01	-19000		15000				
	BBITE WP	N34 42 16.22	W117 45 30.87	FB	TF	85.76	73.76	10.59	+20000		15000				
	ANTLP WP	N34 42 51.26	W117 30 29.82	FB	TF	87.23	75.23	12.39			15000				
	NNAVY WP	N34 55 13.98	W116 43 45.07	FB	TF	71.98	59.98	40.42			15000				
AVNIS	MISEN WP	N35 06 08.46	W116 24 13.86	FB	TF	55.72	43.72	19.38			15000				

## Waypoint Data

DB	Waypoint	Arc Center	Lat-Long (DMS.S)	Latitude (Deg)	Longitude (Deg)	Latitude (D°, M.mm')	Longitude (D°, M.mm')	Latitude (D° M' S.ss")	Longitude (D° M' S.ss")
	AERRO WP		341919.37N-1170220.21W	N 34.3220475	W 117.0389462	N34 19.323	W117 02.337	N34 19 19.37	W117 02 20.21
	ANTLP WP		344251.26N-1173029.82W	N 34.7142377	W 117.5082822	N34 42.854	W117 30.497	N34 42 51.26	W117 30 29.82
	ARRMY WP		350348.00N-1164424.00W	N 35.0633333	W 116.7400000	N35 03.800	W116 44.400	N35 03 48.00	W116 44 24.00
	BBITE WP		344216.22N-1174530.87W	N 34.7045047	W 117.7585763	N34 42.270	W117 45.515	N34 42 16.22	W117 45 30.87
	BLAZN WP		353755.21N-1154646.06W	N 35.6320028	W 115.7794611	N35 37.920	W115 46.768	N35 37 55.21	W115 46 46.06
AVNIS	BLH VORTAC		333545.83N-1144540.58W	N 33.5960639	W 114.7612722	N33 35.764	W114 45.676	N33 35 45.83	W114 45 40.58
	BSHOW WP		340758.95N-1182426.10W	N 34.1330429	W 118.4072489	N34 07.983	W118 24.435	N34 07 58.95	W118 24 26.10
AVNIS	DECAS WP		334924.93N-1152723.80W	N 33.8235917	W 115.4566111	N33 49.416	W115 27.397	N33 49 24.93	W115 27 23.80
	FLAKO WP		340758.93N-1182658.00W	N 34.1330361	W 118.4494453	N34 07.982	W118 26.967	N34 07 58.93	W118 26 58.00
AVNIS	GUNNR WP		345237.00N-1165913.00W	N 34.8769444	W 116.9869444	N34 52.617	W116 59.217	N34 52 37.00	W116 59 13.00
	HAILO WP		353814.00N-1155816.00W	N 35.6372222	W 115.9711111	N35 38.233	W115 58.267	N35 38 14.00	W115 58 16.00
	HARYS WP		342025.96N-1182716.49W	N 34.3405448	W 118.4545807	N34 20.433	W118 27.275	N34 20 25.96	W118 27 16.49
AVNIS	HEC VORTAC		344749.26N-1162746.52W	N 34.7970167	W 116.4629222	N34 47.821	W116 27.775	N34 47 49.26	W116 27 46.52
	JAAYT WP		341034.56N-1182913.96W	N 34.1762653	W 118.4872102	N34 10.576	W118 29.233	N34 10 34.56	W118 29 13.96
	JETHK WP		344129.87N-1175819.35W	N 34.6916295	W 117.9720417	N34 41.498	W117 58.323	N34 41 29.87	W117 58 19.35
AVNIS	LAS VORTAC		360446.93N-1150935.27W	N 36.0797028	W 115.1597972	N36 04.782	W115 09.588	N36 04 46.93	W115 09 35.27
AVNIS	MISEN WP		350608.46N-1162413.86W	N 35.1023500	W 116.4038500	N35 06.141	W116 24.231	N35 06 08.46	W116 24 13.86
	NNAVY WP		345513.98N-1164345.07W	N 34.9205500	W 116.7291861	N34 55.233	W116 43.751	N34 55 13.98	W116 43 45.07
AVNIS	SLAPP WP		342750.14N-1181954.07W	N 34.4639278	W 118.3316861	N34 27.836	W118 19.901	N34 27 50.14	W118 19 54.07
	YAAPY WP		343953.00N-1180750.00W	N 34.6647222	W 118.1305556	N34 39.883	W118 07.833	N34 39 53.00	W118 07 50.00

**No FAA checks included.**

## Database Effective Dates

Database	Date
UddfObstacle	03/09/2015
Tiled AVNII	N/A
OEAAA	N/A
NFDC	10/15/2015
IFP_OFFLINE	N/A
AVNIS	11/18/2015
DOF	10/15/2015
AVNII_OFFLINE	N/A
AVNII	11/18/2015
CIFP	10/15/2015

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**Notes:**