

# **SNA PIGGN SID\_FINAL\_SUBMITTED**

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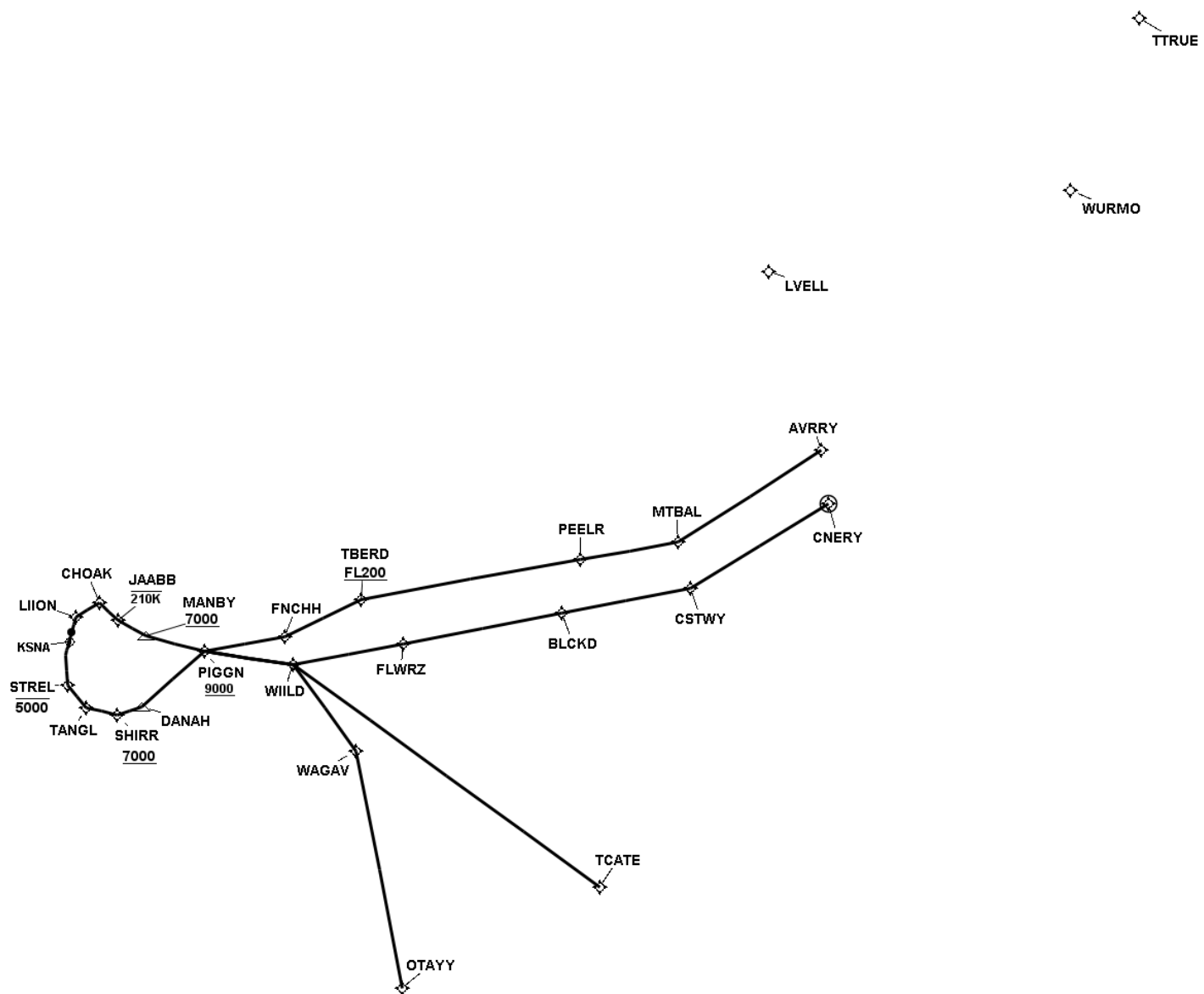
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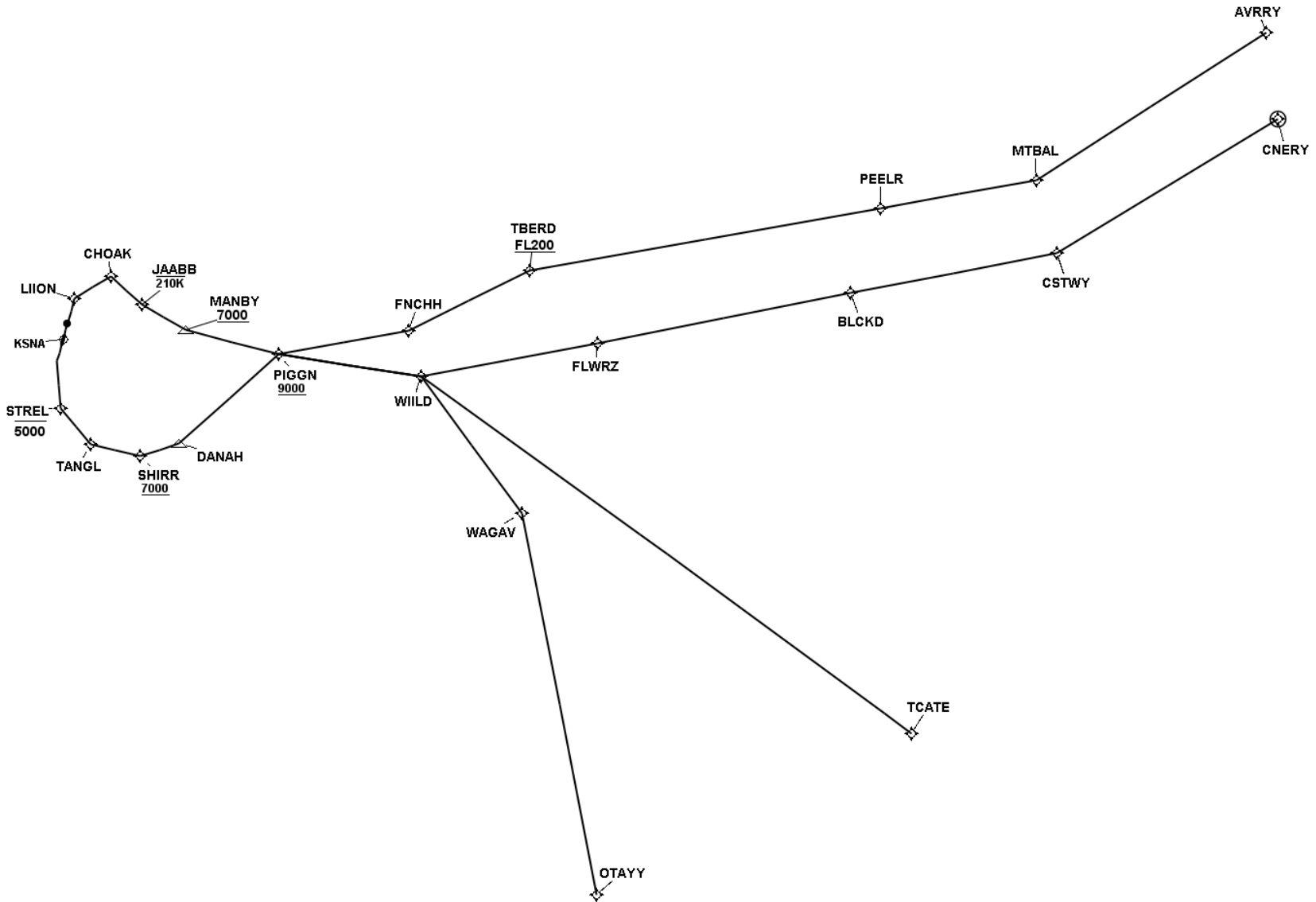
**TARGETS Distribution Package**

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### Runway Transition Data - RW02L

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 RW02L	N33 40 53.93	W117 51 54.21												
					VA	27.91	15.91	1.04	+560						
	LIION WP	N33 43 59.63	W117 49 58.41	FB	DF			2.45							
	CHOAK WP	N33 45 20.01	W117 45 29.18	FB	TF	70.31	58.31	3.97							
	JAABB WP	N33 42 07.69	W117 42 45.98	FB	TF	144.65	132.65	3.92		-210					
AVNIS	MANBY WP	N33 39 02.59	W117 38 35.89	FB	TF	131.50	119.50	4.65	+7000						
AVNIS	PIGGN WP	N33 35 00.00	W117 29 00.00	FB	TF	116.68	104.68	8.97	+9000						

### Runway Transition Data - RW20R

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 RW20R	N33 40 04.09	W117 52 25.79												
					VI	207.91	195.91	1.58							
AVNIS	STREL WP	N33 34 17.50	W117 53 57.60	FB	CF	187.00	175.00	4.40	-5000						
AVNIS	TANGL WP	N33 30 27.00	W117 51 33.00	FB	TF	152.27	140.27	4.33							
AVNIS	SHIRR WP	N33 28 30.00	W117 46 30.00	FB	TF	114.72	102.72	4.65	+7000						
AVNIS	DANAH WP	N33 28 51.62	W117 41 54.15	FB	TF	84.64	72.64	3.86							
AVNIS	PIGGN WP	N33 35 00.00	W117 29 00.00	FB	TF	60.34	48.34	12.40	+9000						

### En Route Transition Data - AVRRY

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	PIGGN WP	N33 35 00.00	W117 29 00.00		IF				+9000						
	FNCHH WP	N33 34 38.20	W117 14 22.80	FB	TF	91.63	79.63	12.22			9000				
	TBERD WP	N33 37 44.21	W116 59 51.91	FB	TF	75.61	63.61	12.51	+20000		10000				
	PEELR WP	N33 36 39.62	W116 20 12.96	FB	TF	91.68	79.68	33.13			15000				
	MTBAL WP	N33 36 11.93	W116 02 32.30	FB	TF	91.71	79.71	14.77			15000				
	AVRRY WP	N33 45 07.35	W115 34 14.56	FB	TF	69.20	57.20	25.24			15000				

### En Route Transition Data - CNER Y

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	PIGGN WP	N33 35 00.00	W117 29 00.00		IF				+9000						
	WIILD WP	N33 30 17.34	W117 13 59.88	FB	TF	110.49	98.49	13.39			9000				
	FLWRZ WP	N33 29 53.00	W116 54 05.90	FB	TF	91.30	79.30	16.65			10000				
	BLCKD WP	N33 29 31.77	W116 25 28.14	FB	TF	90.71	78.71	23.94			15000				
	CSTWY WP	N33 29 09.77	W116 02 03.05	FB	TF	90.96	78.96	19.59			15000				
	CNER Y WP	N33 37 03.75	W115 34 56.72	FO	TF	70.68	58.68	23.99			15000				

### En Route Transition Data - OTAY Y

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	PIGGN WP	N33 35 00.00	W117 29 00.00		IF				+9000						
	WIILD WP	N33 30 17.34	W117 13 59.88	FB	TF	110.49	98.49	13.39			9000				
AVNIS	WAGAV WP	N33 15 53.62	W117 06 13.02	FB	TF	155.57	143.57	15.78			10000				
	OTAY Y WP	N32 39 54.45	W117 06 58.45	FB	TF	181.02	169.02	35.92			15000				

### En Route Transition Data - TCATE

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	PIGGN WP	N33 35 00.00	W117 29 00.00		IF				+9000						
	WIILD WP	N33 30 17.34	W117 13 59.88	FB	TF	110.49	98.49	13.39			9000				
	TCATE WP	N32 48 29.07	W116 28 59.88	FB	TF	137.64	125.64	56.29			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")
	AVRRY WP		334507.35N-1153414.56W	N 33.7520423	W 115.5707100	N33 45.123	W115 34.243	N33 45 07.35	W115 34 14.56
	BLCKD WP		332931.77N-1162528.14W	N 33.4921571	W 116.4244846	N33 29.529	W116 25.469	N33 29 31.77	W116 25 28.14
	CHOAK WP		334520.01N-1174529.18W	N 33.7555579	W 117.7581044	N33 45.333	W117 45.486	N33 45 20.01	W117 45 29.18
	CNERY WP		333703.75N-1153456.72W	N 33.6177091	W 115.5824236	N33 37.063	W115 34.945	N33 37 03.75	W115 34 56.72
	CSTWY WP		332909.77N-1160203.05W	N 33.4860484	W 116.0341812	N33 29.163	W116 02.051	N33 29 09.77	W116 02 03.05
AVNIS	DANAH WP		332851.62N-1174154.15W	N 33.4810056	W 117.6983750	N33 28.860	W117 41.902	N33 28 51.62	W117 41 54.15
	FLWRZ WP		332953.00N-1165405.90W	N 33.4980556	W 116.9016389	N33 29.883	W116 54.098	N33 29 53.00	W116 54 05.90
	FNCHH WP		333438.20N-1171422.80W	N 33.5772778	W 117.2396667	N33 34.637	W117 14.380	N33 34 38.20	W117 14 22.80
	JAABB WP		334207.69N-1174245.98W	N 33.7021349	W 117.7127723	N33 42.128	W117 42.766	N33 42 07.69	W117 42 45.98
	LIION WP		334359.63N-1174958.41W	N 33.7332299	W 117.8328927	N33 43.994	W117 49.974	N33 43 59.63	W117 49 58.41
AVNIS	MANBY WP		333902.59N-1173835.89W	N 33.6507194	W 117.6433028	N33 39.043	W117 38.598	N33 39 02.59	W117 38 35.89
	MTBAL WP		333611.93N-1160232.30W	N 33.6033127	W 116.0423059	N33 36.199	W116 02.538	N33 36 11.93	W116 02 32.30
	OTAYY WP		323954.45N-1170658.45W	N 32.6651263	W 117.1162370	N32 39.908	W117 06.974	N32 39 54.45	W117 06 58.45
	PEELR WP		333639.62N-1162012.96W	N 33.6110062	W 116.3369345	N33 36.660	W116 20.216	N33 36 39.62	W116 20 12.96
AVNIS	PIGGN WP		333500.00N-1172900.00W	N 33.5833333	W 117.4833333	N33 35.000	W117 29.000	N33 35 00.00	W117 29 00.00
AVNIS	SHIRR WP		332830.00N-1174630.00W	N 33.4750000	W 117.7750000	N33 28.500	W117 46.500	N33 28 30.00	W117 46 30.00
AVNIS	STREL WP		333417.50N-1175357.60W	N 33.5715278	W 117.8993333	N33 34.292	W117 53.960	N33 34 17.50	W117 53 57.60
AVNIS	TANGL WP		333027.00N-1175133.00W	N 33.5075000	W 117.8591667	N33 30.450	W117 51.550	N33 30 27.00	W117 51 33.00
	TBERD WP		333744.21N-1165951.91W	N 33.6289485	W 116.9977537	N33 37.737	W116 59.865	N33 37 44.21	W116 59 51.91
	TCATE WP		324829.07N-1162859.88W	N 32.8080745	W 116.4833000	N32 48.484	W116 28.998	N32 48 29.07	W116 28 59.88
AVNIS	TFD VORTAC		325309.08N-1115431.44W	N 32.8858556	W 111.9087333	N32 53.151	W111 54.524	N32 53 09.08	W111 54 31.44
AVNIS	WAGAV WP		331553.62N-1170613.02W	N 33.2648944	W 117.1036167	N33 15.894	W117 06.217	N33 15 53.62	W117 06 13.02
	WIILD WP		333017.34N-1171359.88W	N 33.5048159	W 117.2333000	N33 30.289	W117 13.998	N33 30 17.34	W117 13 59.88

**No FAA checks included.**

## Database Effective Dates

Database	Date
UddfObstacle	N/A
Tiled AVNII	N/A
OEAAA	N/A
NFDC	N/A
IFP_OFFLINE	N/A
AVNIS	N/A
DOF	N/A
AVNII_OFFLINE	N/A
AVNII	N/A
CIFP	N/A

**Notes:**