

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
1893/2023		Panther 1		Training		082000MAY23		
Task	CAS/JTAC Training					Freq		
AO	Range 64					261.35		
Departure				Recovery				
FYTTR THREE				HI-TACAN Y RWY 21L				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Panther 1-1		Prinz		1771	21Y	1671	41/01
-2	Panther 1-2		Razorback		1772	84Y	1672	41/02

LOADOUT			
A/A	2xA9X, A120C		GUN 100% HEI-T
A/G	2xG12, 2xA65E		CHF 90
POD	TGP		FLR 30
TKS	FPU-8A		FUEL 100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	13047			3500	

AIRBASES								
	Name	TCN	ATIS	GND	TWR	RWY	Elev	ILS
Dep	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1
Arr	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1
Div	Creech AFB	87X	290.45	275.8	360.6			

FLIGHTPLAN				
#	Name	Navaid/Coords/DME	ALT	TOT
1	FYTTR	N36 21 26.943 W115 41 27.294	12000	
2	Creech Tower Airspace	N36 35 41.067 W115 42 24.580	20000	
3	OFFset templ	INS 354/6 (N36 40 54 W115 40 24)	0	
4	Point Echo templ	INS 354/6 (N36 40.900 W115 40.400)		
5	TGT template	INS 354/6 (N36 40.900 W115 40.400)		
6	STRYK	N36 25 37.200 W115 30 42	10000	
7	GASS PEAK	N36 24 07.809 W115 10 47.254	8500	
8	Nellis AFB	N36 13 32 W115 02 37	1500	

COMMS	
Radio	Usage
1	3,4,16,19,16,4,3
2	Box 2: 261.35 (1) - OUTLAW2 33.65 (2)
3	MIDS A:23/B:44
4	OUTLAW2 33.65

NOTES

Outlaw2 33.65

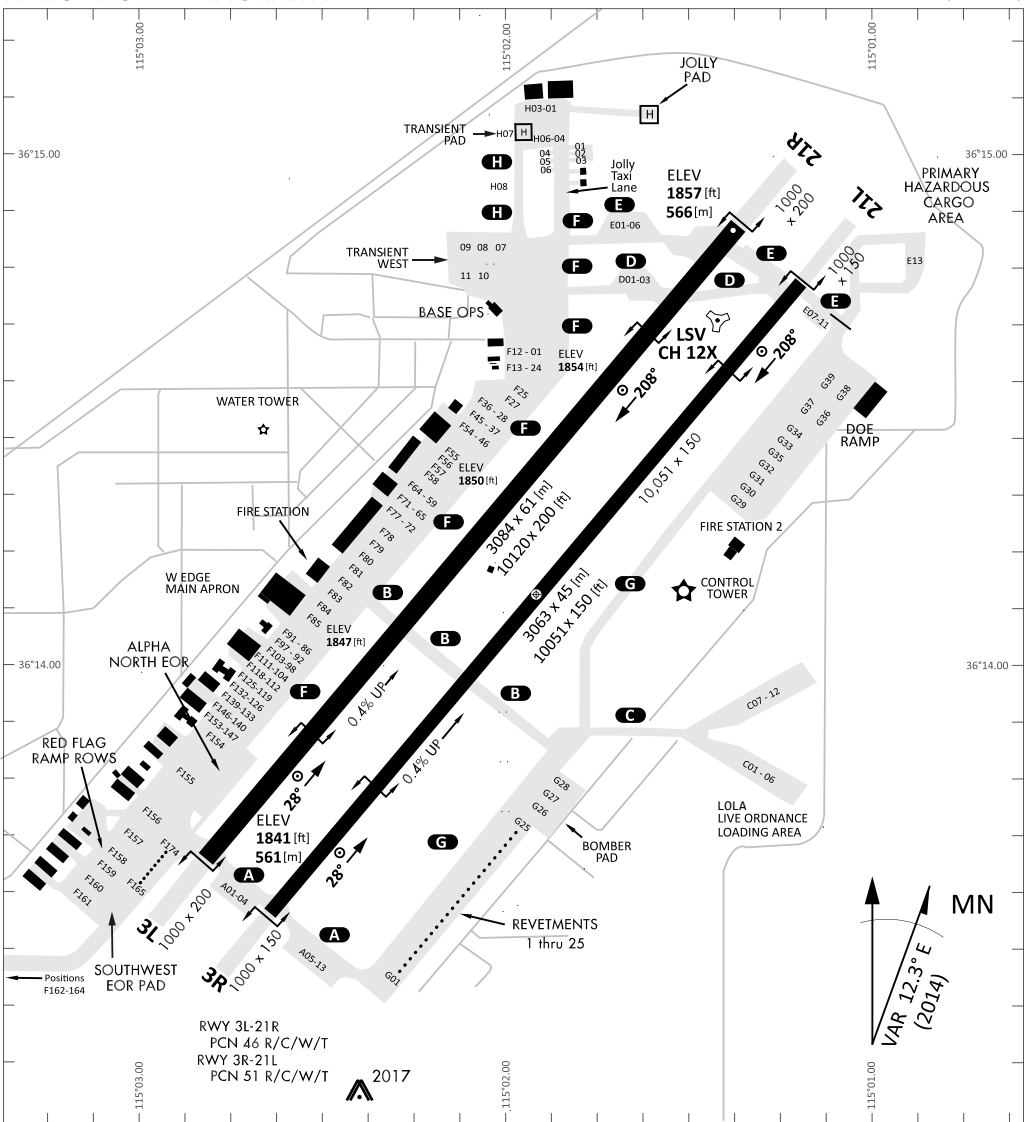
SUPPORT					
Tanker					
Callsign		TCN	Freq	ALT	TAS
ARCO 1		113Y	319.8	FL250	450
	Pos	AR-625: MVA 168/77 (N3717 W11802)			
AWACS					
Callsign	Freq	ALT	Pos		
MAGIC	377.8	FL270	N3749 W11417 - N3713 W11446		
FAC					
Callsign	Freq	Elev	Pos		
HILL			N3639.81 W11546.88		

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Raptor 1	Training	4x F-16C	134.0	21/84		156X
	AO	Range 61	Task	Bomb Training - GPS		
Tiger 1	Training	2x F/A-18C	261.15	21/84	1	156X
	AO	NTTR R63	Task	JTAC Training		
T-Rex 2	Training	2x A-10C	132.25	27/90	25	165X
	AO	R64	Task	CAS		
Outlaw* 2	Training	2x Ground	33.65	21/84		156X
	AO	Range 64	Task	JTAC		
Monster 2	CAS	2x A-10C	132.15	27/90	21	164X
	AO	R63	Task			
Darkstar* 1	Training	2x Ground	33.5	21/84		156X
	AO	Range 63	Task	JTAC		
Cougar 1	Training	4x F-14B	261.25	21/84		156X
	AO	North of Nellis AFB	Task	IFR Fam Flight		

RADIO CHANNELS		
#	Freq	Name
1		Flight/Squadron specific
2	289.4	Nellis Clearance Delivery
3	275.8	Nellis Ground
4	327.0	Nellis Tower
5	385.4	Nellis Approach/Departure West
6	273.55	Nellis Approach/Departure East
7	317.525	Nellis Control -- Sally
8	254.4	Nellis Control-- Lee
9	305.6	SOF Bullseye
10	343.725	EMERGENCY SINGLE FRQ
11	270.1	Nellis ATIS
12	360.625	Creech AFB Tower
13	250.1	HAVE QUICK 13
14	251.1	HAVE QUICK 14
15	252.1	HAVE QUICK 15
16	377.8	Blackjack
17	265.0	KC-135 AR-641A
18	360.8	KC-135MPRS AR-635
19	319.8	KC-135MPRS AR-625
20	300.05	KC-135 AR-231V

RAMROD										
0	1	2	3	4	5	6	7	8	9	
C	O	N	S	U	M	A	B	L	E	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	MCRW	TID	FXV	QK	AN	ESU	GO	LB	PJ	YH
B	PXDQ	GBV	AWJ	SI	YF	NRL	UO	CT	EK	HM
C	LUCJ	RFM	DEO	SP	AN	VGY	KX	IW	HT	QB
D	ETMH	AQB	OXJ	FW	YC	KGV	RU	IS	NL	PD
E	FXGN	IML	YUB	QP	KD	ACW	RE	VH	TO	JS
F	FUCL	IKV	PYX	NR	DJ	GTS	WH	BM	EQ	OA
G	QJAV	FYX	OPB	GK	DN	CEI	UT	HL	RW	SM
H	TVFC	IBY	KEW	HN	OQ	PXA	JU	MD	RG	LS
I	ATGB	LOU	ERH	KJ	SX	WYM	DV	IP	CQ	NF
J	FMBV	XIE	TOJ	NG	AC	YRW	KH	QU	SP	LD
K	WVHL	TJU	MAQ	BE	PI	RXG	KY	OF	NC	SD
L	OYIS	FTU	LEW	QA	NP	GCV	DK	XB	MJ	RH
M	LBCY	TWD	MKX	GV	AS	OEJ	HR	IN	PQ	UF
N	MVRP	UJG	DYQ	CF	TS	EBH	ON	KL	IA	XW
O	MFSK	UCJ	DTL	IR	HB	VEP	QW	XG	AO	YN
P	TOQM	YNX	KEH	RU	CP	LGI	FV	DA	JS	WB
Q	HOPI	WJX	FQY	SR	DE	MBL	KA	CN	GV	UT
R	DXTV	YFG	KIQ	JE	WN	RSA	BC	LP	HU	OM
S	VCNL	RQY	BFT	ES	JO	PWH	KG	MI	AD	XU
T	VQJA	BRD	KPE	LC	FW	IMY	HX	NG	UT	SO
U	VWJN	YUT	RPF	XS	KC	BHL	OM	DQ	GE	IA
V	DTBM	PRF	UNH	IW	AV	JQG	EC	SX	LY	KO
W	FNWY	GPO	EUB	SL	DI	KJR	TH	XQ	CV	MA
X	AXWU	PRE	OVG	IB	NQ	CJD	YL	TF	KH	SM
Y	DPHO	AUF	NYE	WM	IJ	BRK	QT	XS	GV	LC

NAVAIDS				
Id	Name	Channel	Position	Elevation
BCE	Bryce Canyon	75	N3741.35 W11218.23	9040
BIH	Bishop	33	N3722.62 W11821.99	4114
BLD	Boulder	114	N3559.75 W11451.82	3650
BTY	Beatty	94	N3648.54 W11644.86	2925
CDC	Cedar City	120	N3747.24 W11304.90	5463
DAG	Daggett	79	N3457.75 W11634.69	1760
EED	Needles	99	N3445.96 W11428.43	650
GFS	Goffs	91	N3507.87 W11510.59	4019
GRL	Groom Lake	18	N3713.91 W11548.16	4475
HEC	Hector	74	N3447.83 W11627.78	1854
ILC	Wilson Creek	110	N3815.02 W11423.65	9318
INS	Creech AFB	87	N3635.20 W11540.12	3101
LAS	McCarran Intl	116	N3604.78 W11509.59	2142
LSV	Nellis	12	N3614.68 W11501.50	1864
MLF	Milford	58	N3821.62 W11300.79	4977
MMM	Mormon Mesa	90	N3646.16 W11416.65	2120
MVA	Mina	98	N3833.92 W11801.97	7860
OAL	Coale Dale	124	N3800.20 W11746.23	4800
PGS	Peach Springs	57	N3537.48 W11332.67	4754
TPH	Tonopah Muni	119	N3801.84 W11702.01	5330
TQQ	Silverbow	77	N3748.00 W11647.00	5500
UTI	St George	23	N3705.29 W11335.53	2871



PAR	RWY	CAT	MINIMA		ARP 36° 14.060' N 115° 01.058' W	ELEV 1857 [ft] 566 [m]	Scale 1:35'500						
	21L	A B D E	2057 - Q.8 200 (200-0.8/1.6) GS 3°				0	300	600	900	1200	1500 [m]	
	3R	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°				0	1000	2000	3000	4000	5000 [ft]	
SRA	21R	A C D E	2257 - 1.2 350 (350-1.2/1.6)										
	3L	A C D E	2257 - 1.2 350 (350-1.2/1.6)										
RWY		TORA		TODA		ASDA		LDA		PSN THR		ALS	
21L		10051 [ft] 3063 [m]		11051 [ft] 3368 [m]		11051 [ft] 3368 [m]		10051 [ft] 3063 [m]		36°14.043' N 115°01.018' W		⊕	
3R		10120 [ft] 3084 [m]		11120 [ft] 3398 [m]		11120 [ft] 3398 [m]		10120 [ft] 3084 [m]		36°13.029' N 115°02.038' W			
ATIS		NELLIS GROUND		NELLIS TOWER		NELLIS CONTROL		TACAN		ILS RWY 21L		NELLIS EAST	NELLIS WEST
270.100 Mhz		275.800 121.800		327.000 132.55		317.525		LSV 12X		109.10 Mhz		384.400	385.000

FYTTR THREE DEPARTURE

NELLIS AFB (KLSV)
IFR CHART | VALID 2014 LAS VEGAS, NEVADA

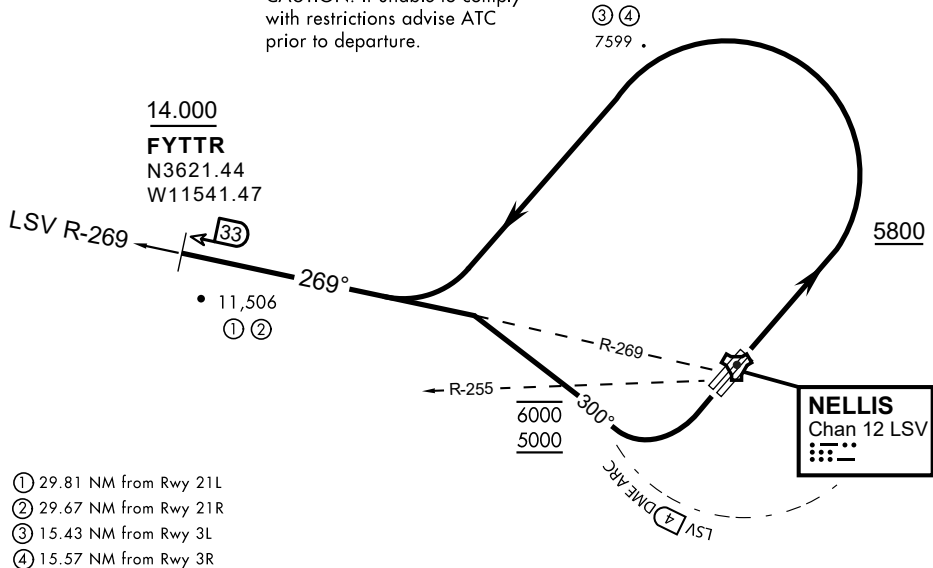
ATIS
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NELLIS GROUND
275.800
NELLIS TOWER
327.000
NELLIS CONTROL
317.525
NELLIS DEP/APP EAST
384.400
BLACKJACK
377.800



Rwy	Knots	60	120	180	240	300	360
3L	(a) V/V(fpm)	394	788	1182	1576	1970	2364
3R	(a) V/V(fpm)	392	784	1176	1568	1960	2352
21L	(b) V/V(fpm)	388	776	1164	1552	1940	2328
21R	(b) V/V(fpm)	390	780	1170	1560	1950	2340

Minimum Climb Rate
(a) to 9300
(b) to 13 500

CAUTION: If unable to comply with restrictions advise ATC prior to departure.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 3L/R

- Fly runway heading until reaching 5,800'.
- Then climbing left turn to intercept LSV TACAN R-269 outbound.
- Cross FYTTR at or above 14,000' or as assigned, then via assigned route.

TAKEOFF RWY 21L/21R

- Turn right to intercept LSV TACAN R-269 outbound.
- Remain within LSV 4 DME until joining LSV R-269
- Cross R-255 between 5,000' and 6,000'.
- Cross FYTTR at or above 14,000' or as assigned, then via assigned route.

NOISE ABATEMENT PROCEDURES:

Fly according Nellis Noise Abatement instructions as published

HI-TACAN Y RWY 21L

TACAN LSV
Chan 12

APCH CRS
210°

Rwy ldg 21L 10,051
TDZE 1865
Arpt Elev 1869

Rwy ldg 21R 10,120
TDZE 1869

JAL-227 [USAF]

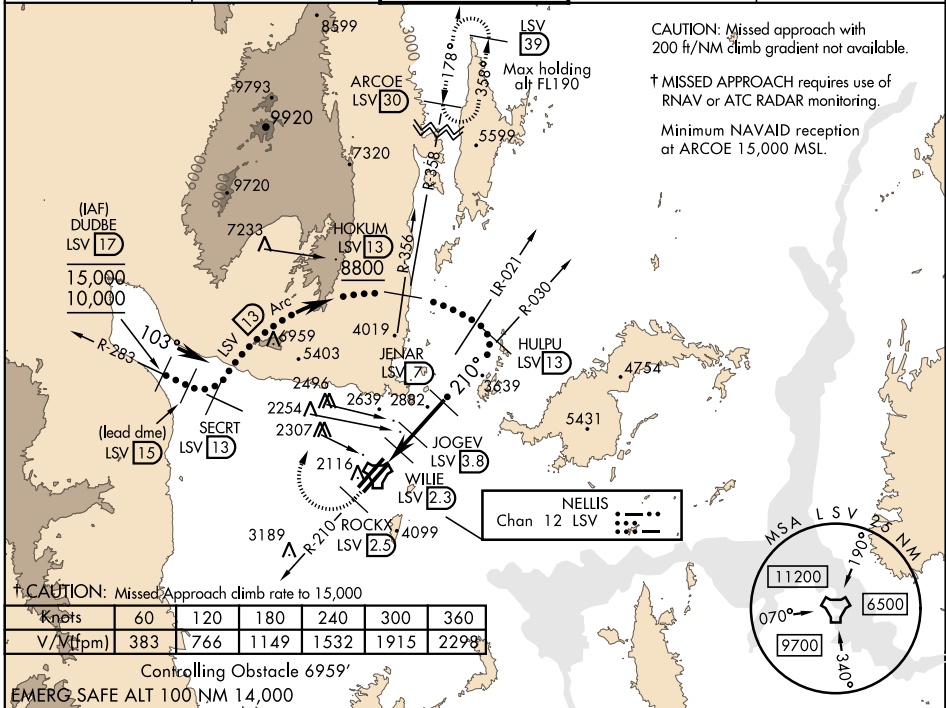
NELLIS AFB (KLSV)

⚠ * When ALS inop, increase CAT CDE vis to 1¾ miles.
** Circling not authorized E of Rwy 3R-21L.

ALSF-1
A1

† MISSED APPROACH: Climb to 15,000, intercept LSV TACAN R-210 to 2.5 DME (ROCKX), then climbing right turn heading 020° to join LSV R-358 to ARCOE and hold, continue climb in hold to 15,000. Missed approach not for civil use.

ATIS 270.1	NELLIS APP CON 124.95 273.55	NELLIS TOWER 132.55 327.0	GND CON 121.8 275.8	CLNC DEL 120.9 289.4
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VGSI and descent angles not coincident (VGSI angle 3.00/TCH 54).

ELEV 1869

TDZE 21L 1865

TDZE 21R 1869

ROCKX LSV 2.5

ARCOE R-358 30

15,000 LSV R-210

hdg 020°

TACAN

KITCH 7

WILLIE 2.3

JOGEV 3.8

JENAR 7

HULPU 13

5 NM

1.6 NM

1.5 NM

3.2 NM

3.41° TCH 54

†† JENAR to MAP

CATEGORY	C	D	E
S-21L *	2460-1¼	595 (600-1¼)	
SIDESTEP 21R	2460-1	591 (600-1)	
CIRCLING **	2620-2¼ 751 (800-2¼)	2840-3 971 (1000-3)	3040-3 1171 (1200-3)

HIRL all Rwy

2022

HI-TACAN Y RWY 21L



INDIAN SPRINGS, NEVADA

TACAN INS Chan 87	APCH CRS 294 °	Rwy Idg TDZE Arpt Elev	9002 3133 3113
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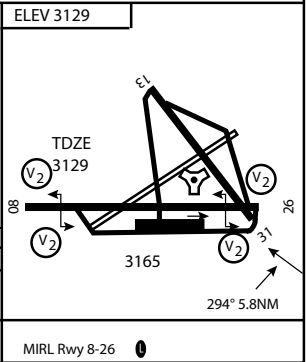
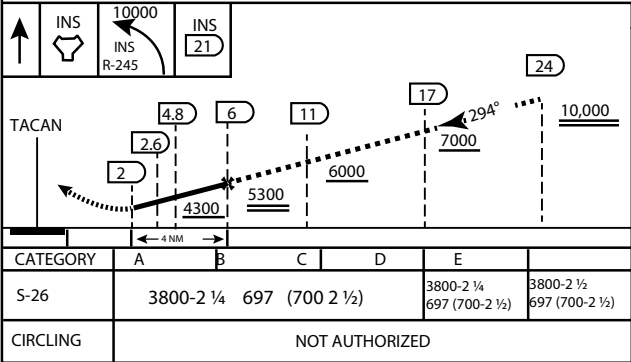
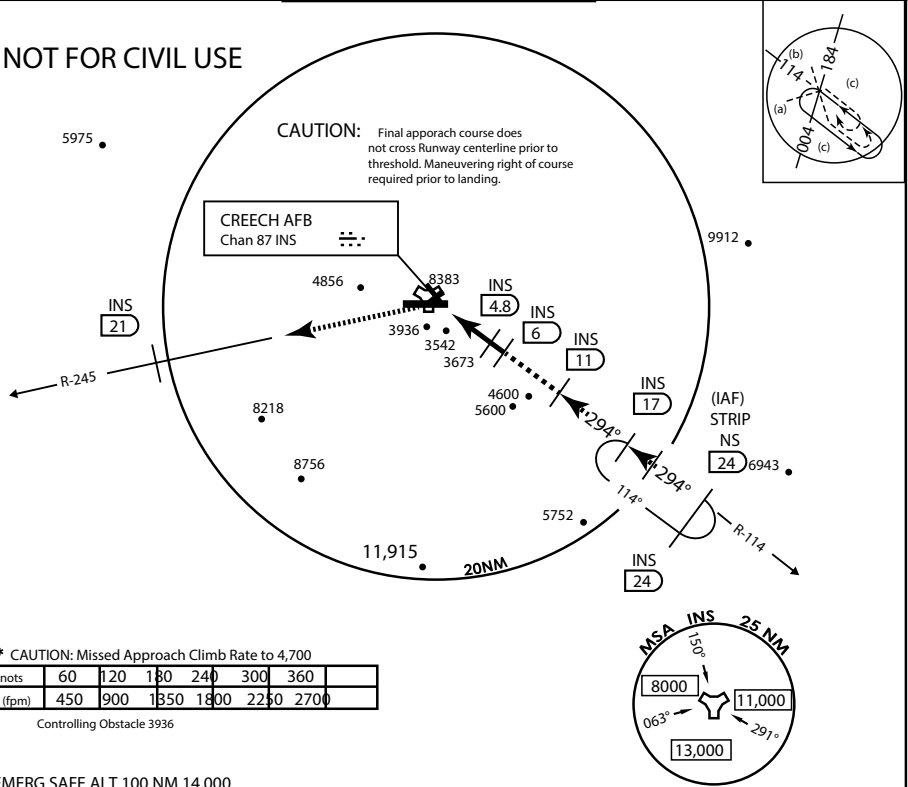
INDIAN SPRINGS AF AUX (KINS)

▼

* MISSED APPROACH: Direct INS then outbound INS t8-2#DME climbing to 10,000.

NELLIS CON -	INDIAN SPRINGS TOWER 118.30 1360.60	GND CON -
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NOT FOR CIVIL USE



CITY OF INDIAN, NEVADA

INDIAN SPRINGS AF AUX (KINS)

Modified by vJaBoG 66 for use with DCS
NOT FOR REAL LIFE NAVIGATION

Modified by vJaBoG 66 for use with DCS
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