

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
1964/2023		Panther 1		Strike		152000JUN23		
Task	ATO1004 - Strike Package Mellan LZ					Freq		
AO						261.35		
Departure				Recovery				
FYTTR THREE				HI-TACAN Z RWY 21L				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Panther 1-1		Prinz		1211	31Y	1571	
-2	Panther 1-2		Razorback		1212	94Y	1572	

LOADOUT			
A/A	2xA9X, 3xA120C		
A/G	2xG24AB		
POD	TGP		
TKS	2xFPU-8A		

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	15291	5000	3500	2500	

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 26.400 W115 41 28.200	34000	
2	PIUTE	N36 30 40.800 W116 05 41.400	34000	
3	Beatty	N36 52 06 W116 47 09	34000	
4	Pahute Mesa Airstrip 4	N37 06 06.012 W116 18 46.417	34000	
5	IP5	N37 19 58.764 W116 31 27.350	34000	
6	MELLAN LZ	N37 41.060 W116 37.420	0	
7	Fence Out7	N37 41 03.157 W115 53 46.314	1500	
8	CRYSTAL SPRING	N37 31 60 W115 14 00.011	34000	
9	Elgin N Point	N37 21 W114 31 60	34000	
10	ARCOE	N36 44 15.915 W114 55 00.961	17000	
11	Nellis AFB	N36 13 32 W115 02 37	1500	
12	STRYK	LSV 282/26 (N36 25.620 W115 30.700)	16000	
13	Bullseye	N37 23.367 W116 12.467	0	

COMMS	
Radio	Usage
1	3,4,16,19,4,3
2	261.35 - 319.8 ARC1
3	MIDS A:24 / B:44

NOTES

max. TOW !

- Best Climb - Best Duration - Best Range

KC-135 MPRS Tanker ("Arco 1"):

Ch19 (319.8 MHz) TACAN 113Y 20.000 ft

AWACS ("Magic"):

Ch16 (377.8 MHz)

Time : 07:00 Local Time (14:00 Zulu Time)

Clouds : light scattered, 13000 ft

Wind : 349/4 QNH 29.75

Bullseye:

N37 23.367 W116 12.467

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Cougar 1	CAP	4x F-14B	261.45	21/84		156X
	AO	South of FEBA line	Task	ATO1001 - CAP - 30B35		
Tiger 1	SEAD	4x F/A-18C	261.15	11/74		155X
	AO	SEAD	Task	ATO 1002 - B25/28		
Tiger 2	SEAD	4x F/A-18C	261.25	11/74		155X
	AO		Task	ATO 1003 - SEAD		
Raptor 4	SEAD	4x F-16C	134.0	21/84		156X
	AO		Task	ATO 1005 - SEAD NORTH, NW		
Monster 5	CAS	4x A-10C	132.15	25/88	21	161X
	AO	South of Tonopah Airfield 00B14	Task	ATO 1007 - Convoy Hunt		
Rattler 2	CAS	2x AH-64D	133.5	21/84		125X
	AO		Task	ATO 1009 - Convoy Hunt		
T-Rex 5	DEAD	4x A-10C	132.25	25/88	21	161X
	AO	DEAD / GROUND STRIKE	Task	ATO 1008		
Fury 1	CAP	2x M-2000C	304.0	21/84		156X
	AO		Task	RED FORCE MIG CAP		
Raptor 5	Sweep	4x F-16C	134.1	21/84		156X
	AO		Task	ATO 1006 - Sweep / Strike Escort		

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	
H	Y	P	N	O	T	I	Z	E	D	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	HQPV	RMD	LNG	SE	TY	CFW	BO	IJ	AX	KU
B	XJCD	LMN	KHR	GS	TY	OIA	PQ	BW	VF	UE
C	HTGE	SJP	WOY	FC	LB	RIU	VK	QM	XN	DA
D	ADQN	XTO	YSH	JR	GP	CVU	MI	EW	LF	BK
E	DGXW	INK	UAH	VL	OP	RQC	ST	MF	YE	JB
F	STUH	JOG	KDM	RW	PX	VNC	BE	LI	QY	AF
G	XPHW	IUD	BAS	GE	LR	OTJ	FC	KV	YM	QN
H	QGBD	XUF	JLC	OY	HN	WSR	VK	IP	TM	EA
I	JHTI	AWR	BMO	XF	SC	QLU	NP	ED	YK	GV
J	VXHB	NWU	CGT	OY	RK	LQS	ED	IM	FJ	PA
K	IGVL	RUH	OKT	WQ	PB	NDC	FY	EX	SM	JA
L	UFGO	KMJ	BPH	IL	QR	XDN	AC	SE	YV	TW
M	GPJH	VIW	UBR	SD	LQ	OEX	NY	AM	KF	TC
N	BYMI	GAT	OVF	UC	EX	WJH	SK	RQ	ND	LP
O	AHRG	UPT	MIQ	WN	XY	JBV	DS	KL	EC	FO
P	WQKM	CRH	FTA	EU	GP	LNS	OD	VB	YX	IJ
Q	TPWY	KHG	VSR	JI	QF	MNB	XA	UO	LD	EC
R	TWHQ	RUY	MNJ	LO	GK	BAS	CV	PI	FD	EX
S	LNFX	SYJ	DHO	WM	TK	PRG	QC	BU	IA	EV
T	LIXH	YWD	FRO	KG	AT	UEN	CB	MV	PQ	SJ
U	GCJW	FXE	URB	OI	MS	HVL	NQ	PK	TA	YD
V	ILWF	VMQ	XGC	ON	PJ	TBR	EA	HY	SU	KD
W	FBSX	NQK	VJY	DP	LI	HRO	MC	GT	WA	UE
X	UXNO	TJK	HFP	BI	VY	SEA	LG	QR	CW	MD
Y	XFCA	QPR	HKD	NB	LV	IGW	EJ	OM	YT	SU

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	ELEV	Scale 1:35'500
	21L	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°	36° 14.060° N	1857 [ft]	0 300 600 900 1200 1500 [m]
	3R	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°	115° 01.058° W	566 [m]	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

ATIS
 270.100
 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(f _{pm})	394	788	1182	1576	1970	2364
3R	(a)	V/V(f _{pm})	392	784	1176	1568	1960	2352
21L	(b)	V/V(f _{pm})	388	776	1164	1552	1940	2328
21R	(b)	V/V(f _{pm})	390	780	1170	1560	1950	2340

Minimum Climb Rate

© to 9300

Ⓟ to 13 500

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

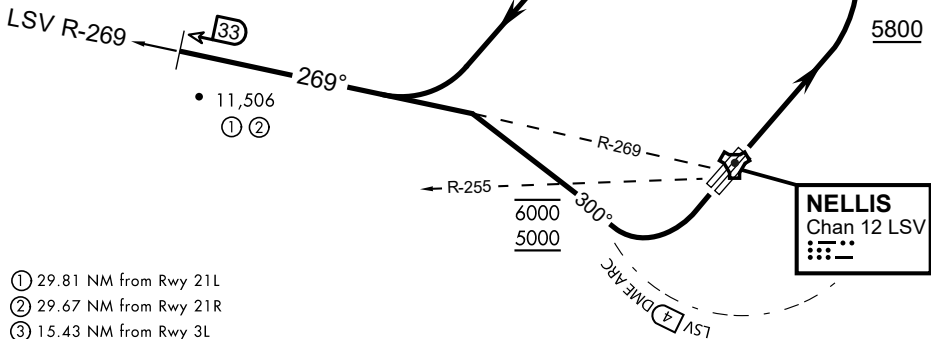
③ ④
7599 .

14.000

FYTTR

N3621.44

W11541.47



- ① 29.81 NM from Rwy 21L
- ② 29.67 NM from Rwy 21R
- ③ 15.43 NM from Rwy 3L
- ④ 15.57 NM from Rwy 3R

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 Z 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
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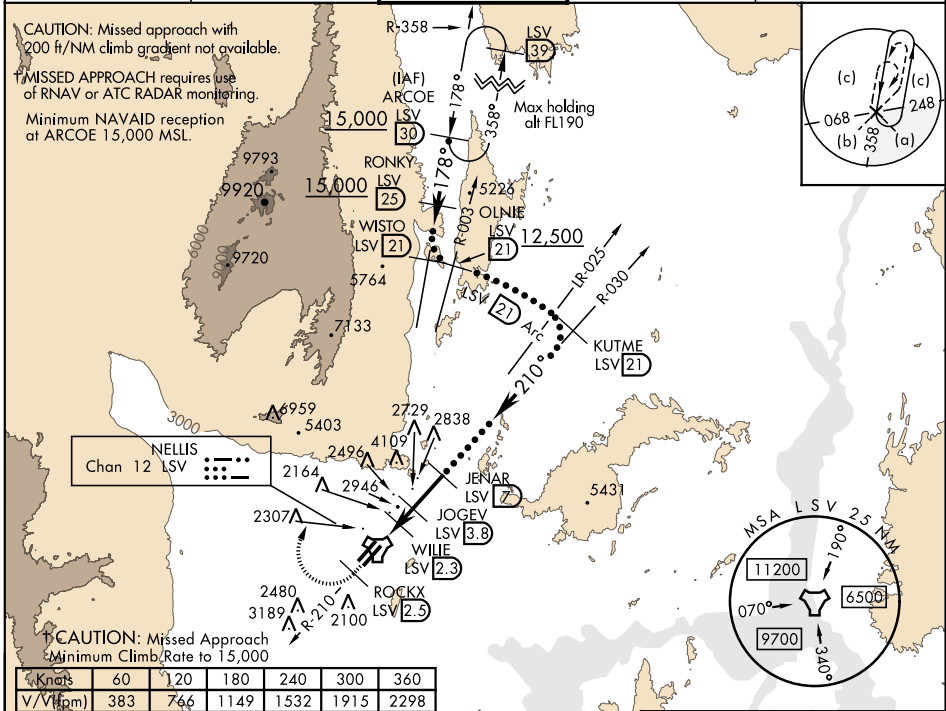
JAL-227 [USAF] NELLIS AFB (KLSV)

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

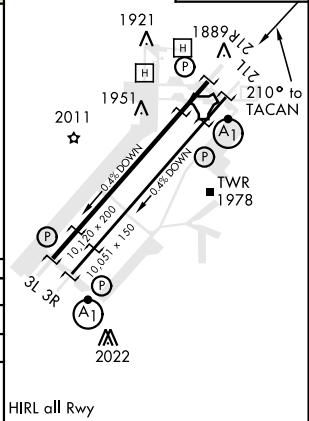
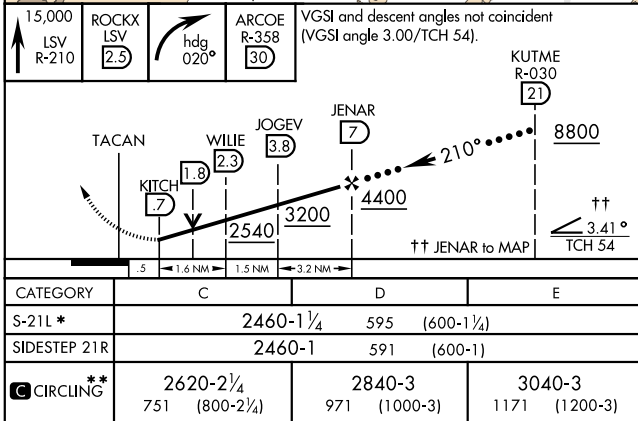


† MISSED APPROACH: Climb to 15,000, intercept LSV TACAN R-210 to 2.5 DME (ROCKX), then climbing right turn heading 020° to join LSV R-358 to ARCOE and hold, continue climb in hold to 15,000. Missed approach not for civil use.

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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ELEV 1869	TDZE 21L 1865	TDZE 21R 1869
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HI-TACAN Z RWY 21L



INDIAN SPRINGS, NEVADA

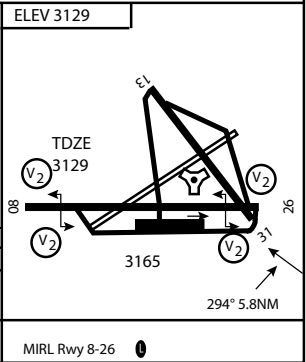
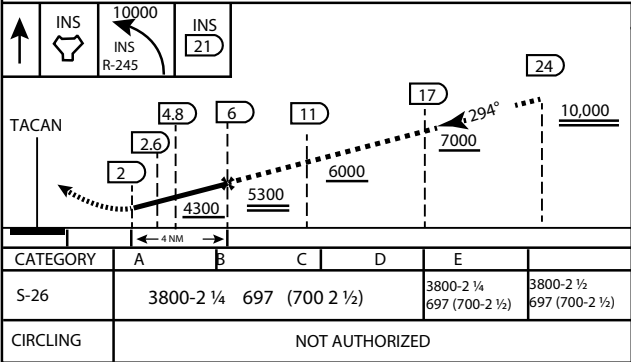
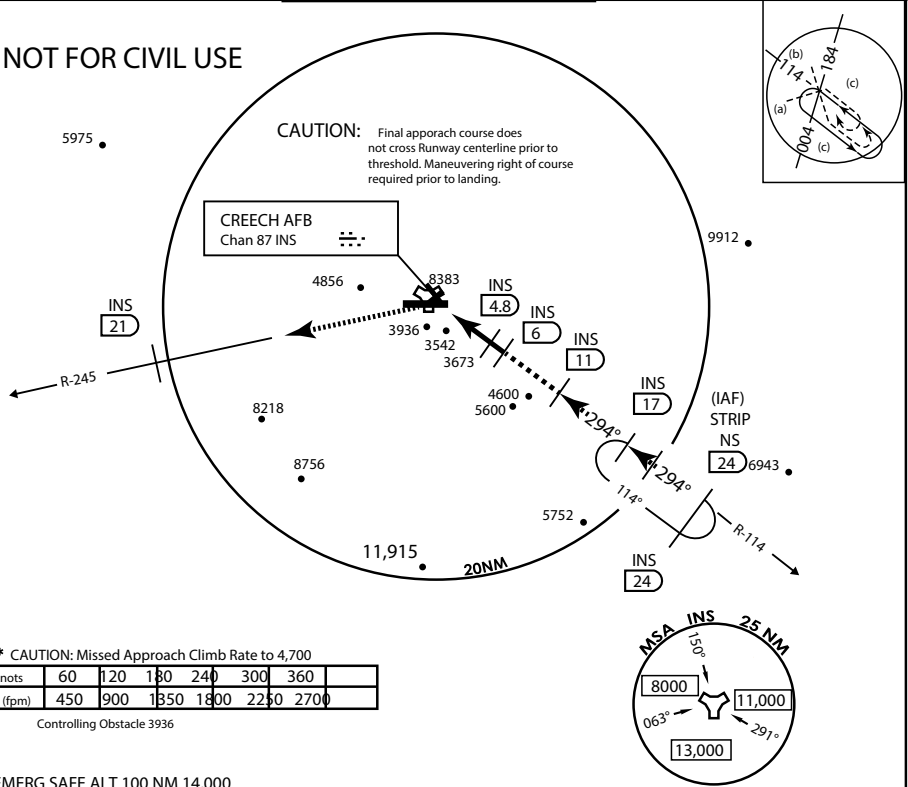
TACAN INS Chan 87	APCH CRS 294 °	Rwy Idg TDZE Arpt Elev	9002 3133 3113
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INDIAN SPRINGS AF AUX (KINS)

* 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

Modified by vJaBoG 66 for use with DCS

NOT FOR REAL LIFE NAVIGATION



