

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
610/2022		Panther 5		Training		140000FEB22		
Task	LAHD - Bombing						Freq	
AO	Range 65(C)						261.35	
Departure				Recovery				
FYTTR THREE				HI-TACAN Z RWY 21L				
#	Callsign		Pilot		IFF	TCN	LSR	NET

LOADOUT			
A/A	2xA9X, A7MH, A120C		GUN 100% HEI-T
A/G	4xM82Y, 4xM82SE		CHF 30
POD			FLR 90
TKS	FPU-8A		FUEL 100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	13047			3000	

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	LSV 269/33 (N36 21.440 W115 41.470)	15000	
2	Descend blw 6500	N36 47.080 W115 46.029	4254	
3	TP1	N36 43.666 W115 48.167		
4	TP2	N36 41.792 W115 48.427		
5	T65.05	N36 44.411 W115 44.792	4650	
6	ARCOE	LSV 357/30 (N36 44.260 W114 55.020)	16000	

COMMS	
Radio	Usage
1	(3),(4),(16),
2	225.450 (Range65)
3	22 / 44

NOTES

Tiefflugbombing - Hi Drag Bomb Profile (10 LAHD)

Descend:

At Descendpoint (heading 190 +/- 10) , minimum altitude 6500ft; w/o visual on ground at 6500ft, report "abort descend" and pop up.

Ingress:

If VFR continue via TP1 and left turn TP2;

Attack (Harddeck 5500ft):

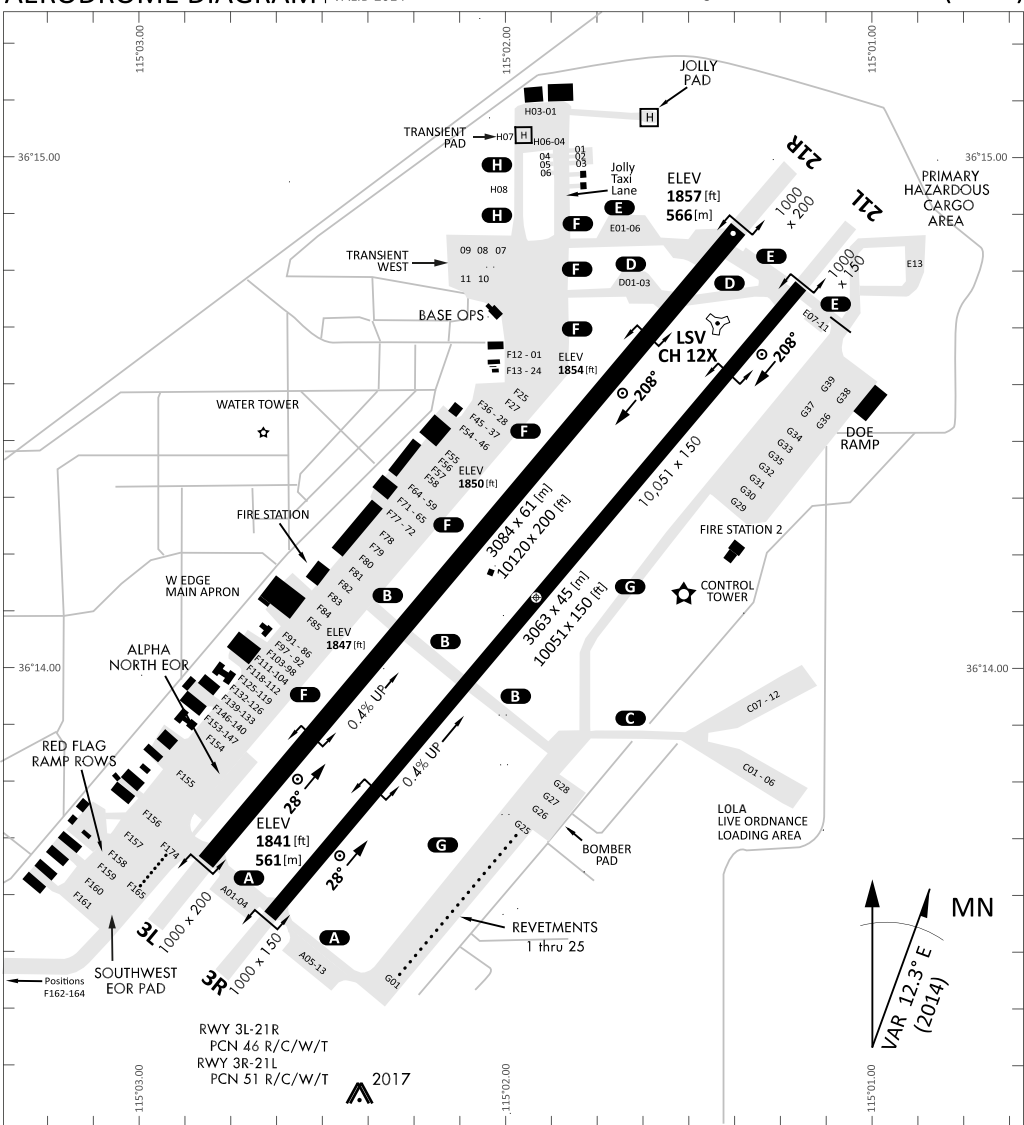
Hi Drag Bomb Attack Target T65.05 (FAH 040 +/- 10), SEM: Climb heading 050

Spawn (but DO NOT activate) R65. Jink / Bug out

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	
R	A	U	N	C	H	I	E	S	T	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	LJEP	YQB	GVF	HT	AC	RSM	WI	NK	OX	DU
B	SLCP	XMT	QVR	IN	YB	EHA	JW	OU	KG	FD
C	UAHJ	ROP	YSX	BF	WG	CDV	ET	KL	MI	NQ
D	GMRT	JHN	LEW	IC	SQ	DPX	KY	BO	FU	VA
E	QIVA	LTO	MNG	YE	RK	XSP	CD	HB	FW	JU
F	BVKI	XEJ	LNA	GW	MQ	UFR	PD	CO	SH	TY
G	JGXP	EFA	KVR	HO	SL	YCT	DN	QU	MI	BW
H	TBJO	ESD	UGX	IP	AC	RQV	HY	NW	LF	KM
I	XNVO	WFP	TQA	YB	IR	JLD	CK	UM	SE	HG
J	JMDA	UCX	TIW	NO	YB	RFE	QH	KG	LP	VS
K	DCAN	TES	VUP	HW	BL	IMR	FX	QJ	OK	GY
L	GOAM	UVI	XTP	SJ	YW	KFE	HL	CN	QR	BD
M	EBLF	VCO	ATS	XJ	IN	HYW	MU	PR	DK	GQ
N	IHWR	MAB	NXJ	DK	TO	VCY	EQ	GS	UL	FP
O	FERS	JKL	NXM	HY	GC	TDW	PA	OI	VU	QB
P	DJQC	AKF	TLB	XM	YV	NWR	OU	IH	PG	ES
Q	FPUL	NCT	MWO	YH	BI	GAK	JX	SD	RQ	EV
R	LWNA	PQV	JUS	ID	GM	XOY	TF	BR	EK	HC
S	LGRJ	DCH	IBV	YF	NW	PAU	XO	QE	SM	KT
T	WKED	CRX	VNT	UB	MA	YPL	OS	QF	JH	IG
U	XIBU	LPY	MOG	QD	NC	RAK	WF	HJ	ST	VE
V	EHUF	WSX	JNM	BC	LI	GYV	TD	RP	OK	AQ
W	WPNF	VQX	LKB	AS	HY	OTD	UG	JR	MC	EI
X	ACHU	VLТ	QGW	BI	OM	XSF	RY	DP	EJ	KN
Y	RGHF	EXB	APY	MD	VI	SJC	UN	WL	KQ	TO

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 - 0.8 200 (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

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(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

Ⓐ to 9300

ⓑ to 13 500

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

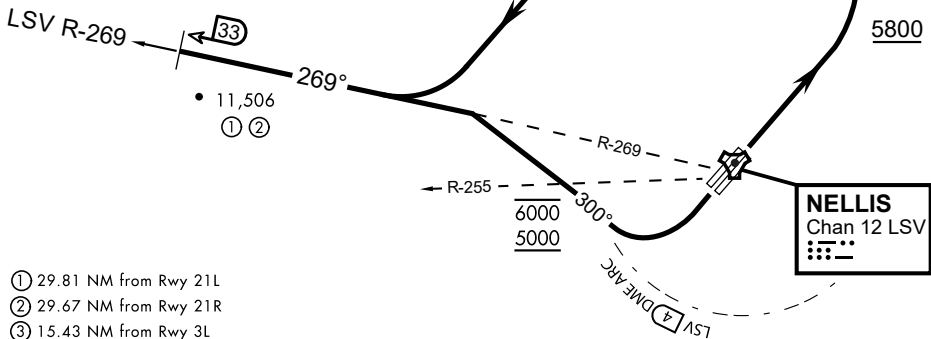
③ ④
7599 .

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 1½ miles.
 ** Circling not authorized E of Rwy 3R-21L.



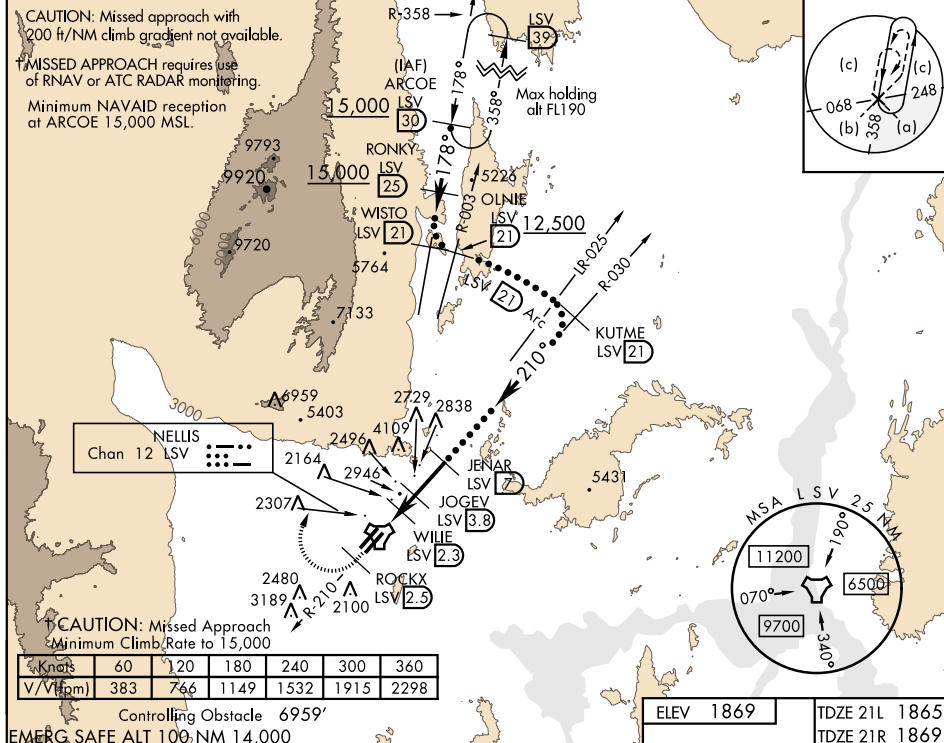
† MISSED APPROACH: Climb to 15,000, intercept LSV TACAN R-210 to 2.5 DME (ROCKX), then climbing right turn heading 020° to join LSV R-358 to ARCOE and hold, continue climb in hold to 15,000. Missed approach not for civil use.

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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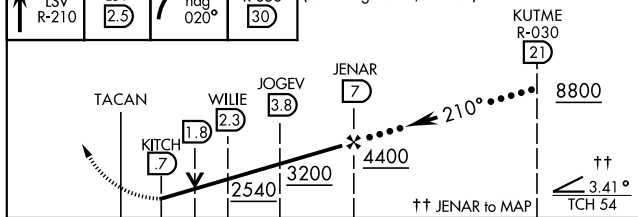
CAUTION: Missed approach with 200 ft/NM climb gradient not available.

† MISSED APPROACH requires use of RNAV or ATC RADAR monitoring.

Minimum NAVAID reception at ARCOE 15,000 MSL.

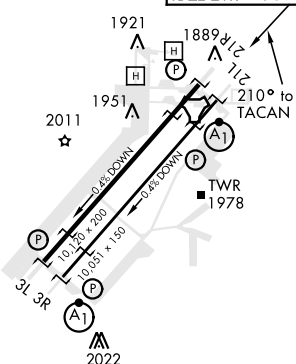


VGSI and descent angles not coincident (VGSI angle 3.00/TCH 54).



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)

ELEV 1869	TDZE 21L 1865 TDZE 21R 1869
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HIRL all Rwy

HI-TACAN Z RWY 21L



INDIAN SPRINGS, NEVADA

TACAN INS Chan 87	APCH CRS 065 °	Rwy ldg TDZE 3133	3002 3113
		Arpt Elev	3113

INDIAN SPRINGS AF AUX (KINS)



* MISSED APPROACH: Straight ahead to INS TACAN, intercept INS R-outbound, cross 17 DME at or above 9500, then direct KSV TACAN

114

NELLIS CON

CREECH AFB TOWER
118.30 660.60

GND CON

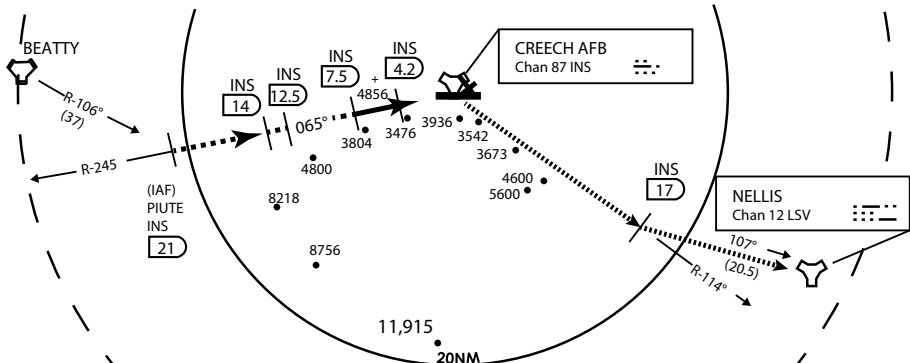
NOT FOR CIVIL USE

FOR USE UNDER BASIC VFR
WEATHER MINIMUMS ONLY

PILOT IS RESPONSIBLE FOR TERRAIN/OBSTACLE
AVOIDANCE AND
APPROPRIATE VFR CLOUD
CLEARANCE FOR ALL

CAUTION: Descent gradients
are greater than allowed under standard
TFRPS criteria and inbound course
does not meet straight-in criteria

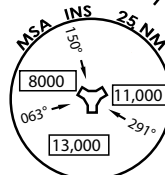
CAUTION: Final approach course crosses
Runway centerline at MIDFIELD. Maneuvering
left of course required prior to landing. Do not
Maneuver farther north than the INS R- 258



* CAUTION: Missed Approach Climb Rate to 4,700

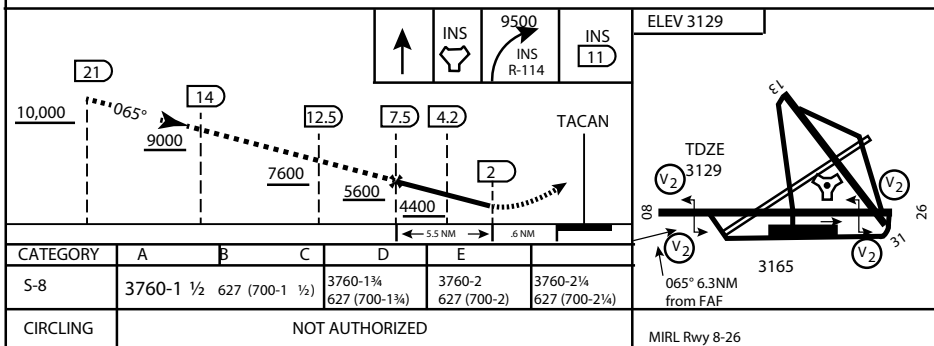
Knots	60	120	180	240	300
V/V (fpm)	230	460	690	920	1150

Controlling Obstacle



HIGH ALTITUDE FACILITIES

EMERG SAFE ALT 100 NM 14,000



CITY OF INDIAN, NEVADA

INDIAN SPRINGS AF AUX (KINS)

(FOR DAY VFR USE ONLY)

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

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



