

MISSION DATA CARD							
OPORD		Callsign		Mission		Date/Time	
1037/2022		Tiger 1		Training		042000JUL22	
Task	A/G Training					Freq	
AO	Range 75-15					261.15	
Departure				Recovery			
FYTTR THREE				HI-TACAN Y RWY 21L			
#	Callsign	Pilot		IFF	TCN	LSR	NET
-1	Tiger 1-1	Ghost		1011	11Y	1551	01/01

LOADOUT			
A/A	A9X, A120C		
		GUN	100% HEI-T
A/G	2xG38, 2xG12		
		CHF	90
POD	TGP, AT50		
		FLR	30
TKS	FPU-8A		
		FUEL	100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	13047			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	LSV 269/33 (N36 21.440 W115 41.470)	12000	
2	JAYSN	N36 34.425 W116 02.444	20000	
3	Range 75W	N37 26.499 W116 34.275	20000	
4	T75.15	N37 26.589 W116 32.513	5178	
5	Creech	N36 35.208 W115 40.961	15000	
6	STRYK	LSV 282/26 (N36 25.620 W115 30.700)	10000	
7	GASS PEAK	LSV 309/12 (N36 24.140 W115 10.660)	8000	
8	Nellis	N36 14.680 W115 01.500	3500	

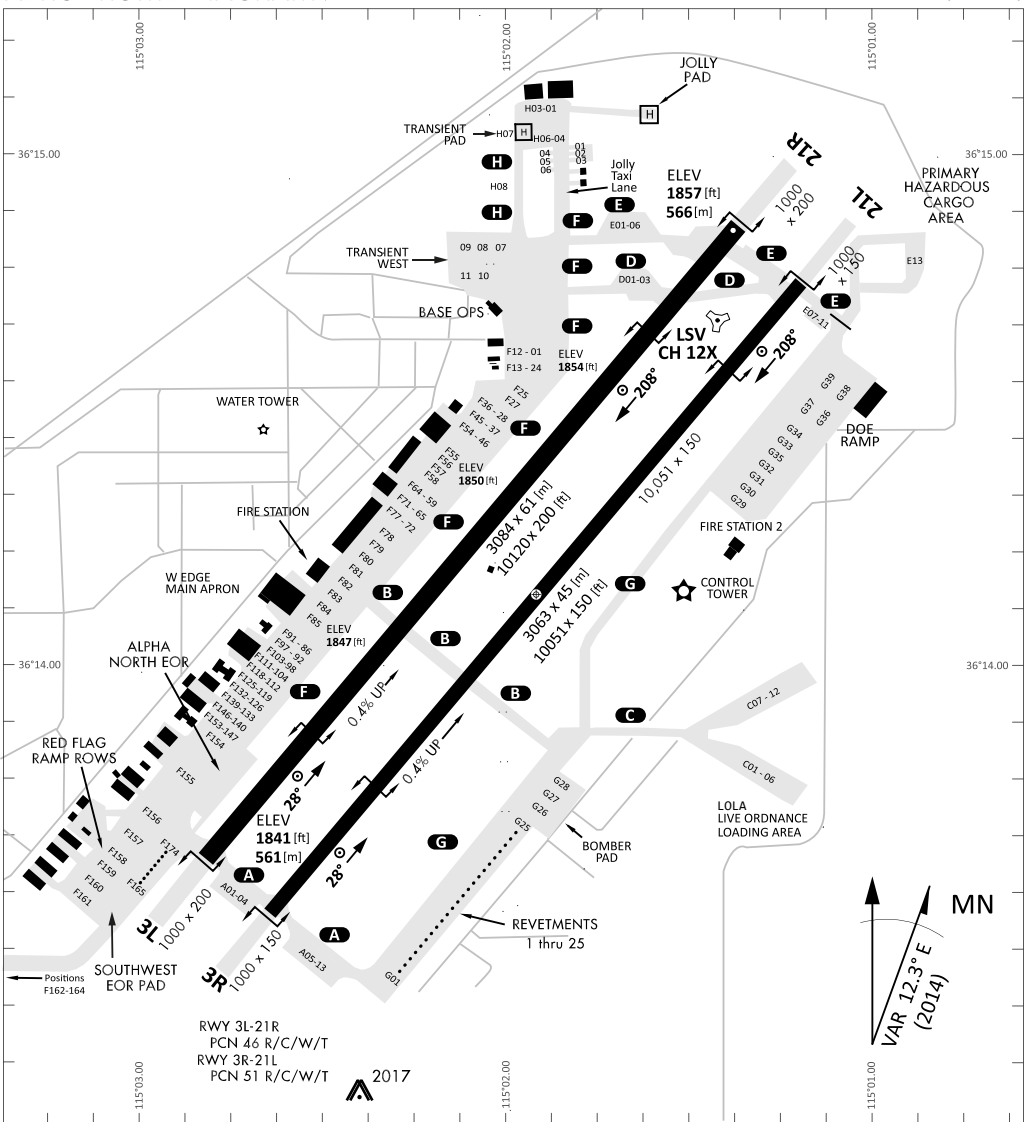
COMMS	
Radio	Usage
1	11 / 3 / 4 / 16 / 4 / 3
2	A 22 / B 44

SUPPORT					
Tanker					
Callsign		TCN	Freq	ALT	TAS
ARCO 1		113Y	319.8	FL250	450
	Pos	AR-625: MVA 168/77 (N3717 W11802)			
SHELL 2		115Y	360.8	FL250	430
	Pos	AR-635: MLF 260/127 (N3831 W11542)			
AWACS					
Callsign	Freq	ALT	Pos		
MAGIC	377.8	FL270	N3749 W11417 - N3713 W11446		

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	
A	L	G	O	R	I	T	H	M	S	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	JVKR	SWN	IOD	LM	ET	UPH	XQ	CG	YB	AF
B	RWAB	NCY	FPU	GK	IH	EDX	SV	JO	TQ	ML
C	RQGY	INS	KMH	FJ	DL	XAE	WC	PT	UV	OB
D	BPHA	FWG	JNV	QL	KS	XMY	TU	EO	RI	CD
E	AVHJ	OMC	RBW	PF	TQ	UGK	NE	IY	LD	SX
F	ESYH	RBJ	KUQ	XI	AM	LOT	FN	CP	WG	DV
G	RCXA	VIB	WEK	GJ	MP	OTS	LY	NH	QF	UD
H	CMXG	KNI	BFV	LY	AU	DTS	EW	JR	PO	QH
I	VIOR	YHM	BPC	EF	LX	AJS	QK	DU	TN	WG
J	RVGY	DKT	EIQ	JM	CU	WXL	NA	PS	FO	BH
K	XSYK	AMB	JUL	HW	CP	VEG	RN	QO	DI	TF
L	MYKP	AHV	WBJ	TU	IN	ELX	DC	OF	RQ	GS
M	FIPJ	EKV	RDH	WG	OQ	CBS	MN	UL	AT	XY
N	XQRF	POI	MHW	TA	VL	JNC	GK	EB	DS	YU
O	WVOG	XCY	MBN	TS	HL	AJP	IK	QD	FR	UE
P	VPOI	SUR	MFW	QH	BT	CKD	LN	YJ	AX	EG
Q	BDYJ	NGP	SRC	AQ	IE	VOX	WU	MH	LT	KF
R	YHSN	MCO	WTJ	IG	KX	ULV	DQ	AB	RF	EP
S	IWVL	QUN	AEK	CX	MR	OGF	HY	ST	PJ	BD
T	IAHQ	TGR	OSD	FW	JE	VLY	MX	UB	NP	KC
U	VUTX	NQL	JWO	FH	MB	PKY	CD	IR	EA	GS
V	MPWX	VON	YBH	UQ	IG	KFC	TS	RL	DE	JA
W	MKSJ	NQV	WDH	AR	EG	UYB	FT	XO	PC	LI
X	PJCA	NTX	HSY	OF	UE	BLW	RI	VD	QM	KG
Y	UQVS	HEB	XMP	YN	JD	FKC	RA	IT	OG	WL

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	RWY	CAT	MINIMA	ARP	ELEV	Scale 1:35'500	
	21R	A C D E	2257 - 1.2 350 (350-1.2/1.6)	36° 14.060° N	1857 [ft]	0 300 600 900 1200 1500 [m]	
	3L	A C D E	2257 - 1.2 350 (350-1.2/1.6)	115° 01.058° W	566 [m]	0 1000 2000 3000 4000 5000 [ft]	

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
270.100
NELLIS GROUND
275.800
NELLIS TOWER
327.000
NELLIS CONTROL
317.525
NELLIS DEP/APP EAST
384.400
BLACKJACK
377.800

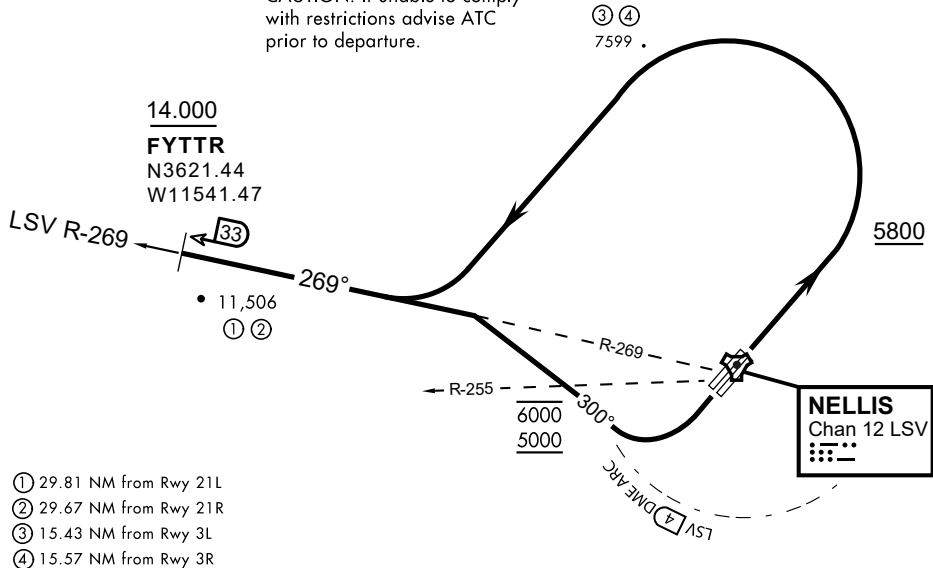


Rwy	Knots	60	120	180	240	300	360
3L	(a) V/V(fpm)	394	788	1182	1576	1970	2364
3R	(a) V/V(fpm)	392	784	1176	1568	1960	2352
21L	(b) V/V(fpm)	388	776	1164	1552	1940	2328
21R	(b) V/V(fpm)	390	780	1170	1560	1950	2340

Minimum Climb Rate

- (a) to 9300
- (b) to 13 500

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



- (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 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
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JAL-227 [USAF]

NELLIS AFB (KLSV)

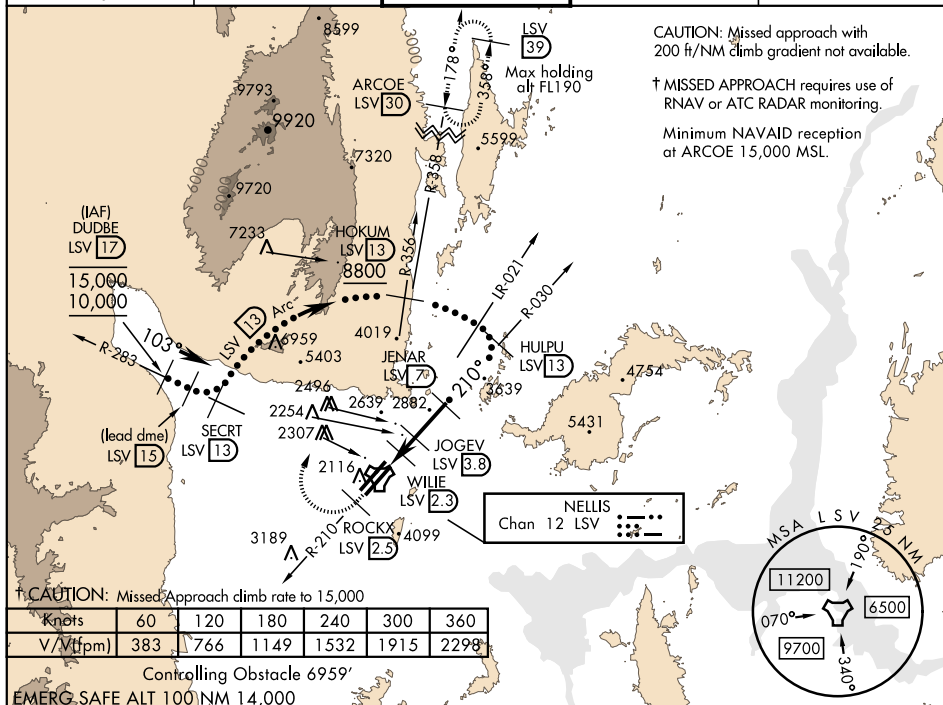
- * When ALS inop, increase CAT CDE vis to 1¾ miles.
 ** Circling not authorized E of Rwy 3R-21L.

ALSF-1



† 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 climb rate to 15,000

Knots	60	120	180	240	300	360
V/Alt (ft)	383	766	1149	1532	1915	2298

Controlling Obstacle 6959'

EMERG. SAFE ALT 100 NM 14,000

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

15,000
LSV
R-210

ROCKX
LSV
2.5

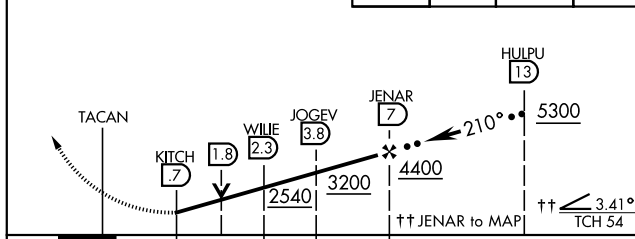
hdg
020°

ARCOE
R-358
30

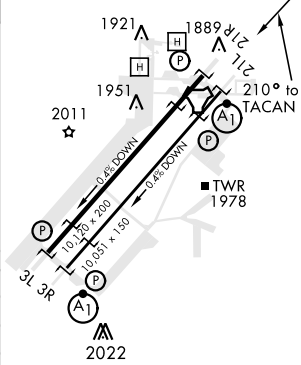
ELEV 1869

TDZE 21L 1865

TDZE 21R 1869



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

HI-TACAN Y RWY 21L



INDIAN SPRINGS, NEVADA

TACAN INS Chan 87	APCH CRS 065 °	Rwy ldg TDZE 3133	9002 3113
		Arpt Elev 3113	

INDIAN SPRINGS AF AUX (KINS)

T	* MISSED APPROACH: Straight ahead to INS TACAN, intercept INS R-outbound, cross 17 DME at or above 9500, then direkt KSV TACAN	114
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NELLIS CON -	CREECH AFB TOWER 118.30 660.60	GND CON -
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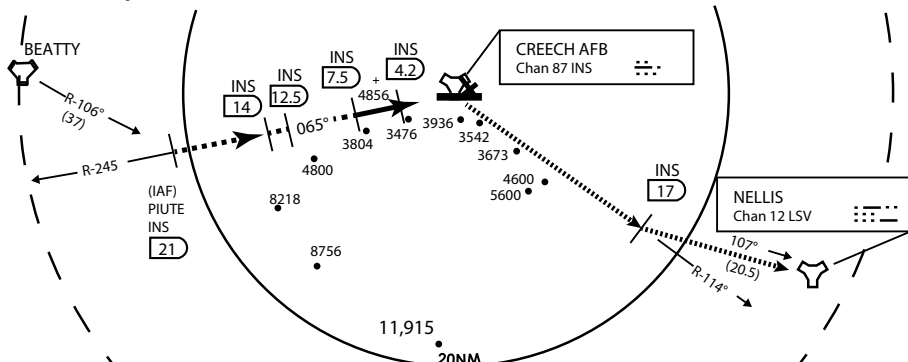
NOT FOR CIVIL USE

FOR USE UNDER BASIC VFR
WEATHER MINIMUMS ONLY

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

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

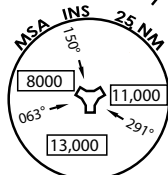
CAUTION: Final approach course crosses
Runway centerline at MIDFIELD. Maneuvering
left of course required prior to landing. Do not
Maneuver farther north than the INS R- 258



* 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

					ELEV 3129	
CATEGORY	A	B	C	D	E	
S-8	3760-1 ½	627 (700-1 ½)	3760-1¾ 627 (700-1¾)	3760-2 627 (700-2)	3760-2¼ 627 (700-2¼)	
CIRCLING	NOT AUTHORIZED					MIRL Rwy 8-26

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



