

MISSION DATA CARD							
OPORD		Callsign		Mission		Date/Time	
688/2022		Tiger 2		Training		072000MAR22	
Task	A2A - BVR Training					Freq	
AO	Rachel					261.15	
Departure				Recovery			
FYTTR LOW				STRYK			
#	Callsign	Pilot		IFF	TCN	LSR	NET
-1	Tiger 2-1	PixelFace		1021	11Y	1551	
-2	Tiger 2-2	SNAFU		1022	74Y	1552	

LOADOUT			
A/A	2xA9X, 6xA120C	GUN	100% HEI-T
A/G		CHF	90
POD		FLR	30
TKS	FPU-8A	FUEL	100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	13047				

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	BELTED PK	N37 34 W116 04.500	29000	
3	STRYK	LSV 282/26 (N36 25.620 W115 30.700)	15000	

COMMS	
Radio	Usage
1	LSV ATIS (270.1/11) - LSV GND (275.8/3) - LSV TWR (327.0/4) - BLACKJACK (377.8/16) - LSV ATIS (270.1/11) - LSV TWR (327.0/4) - LSV GND (275.8/3)
2	261.15
3	A37
4	B57

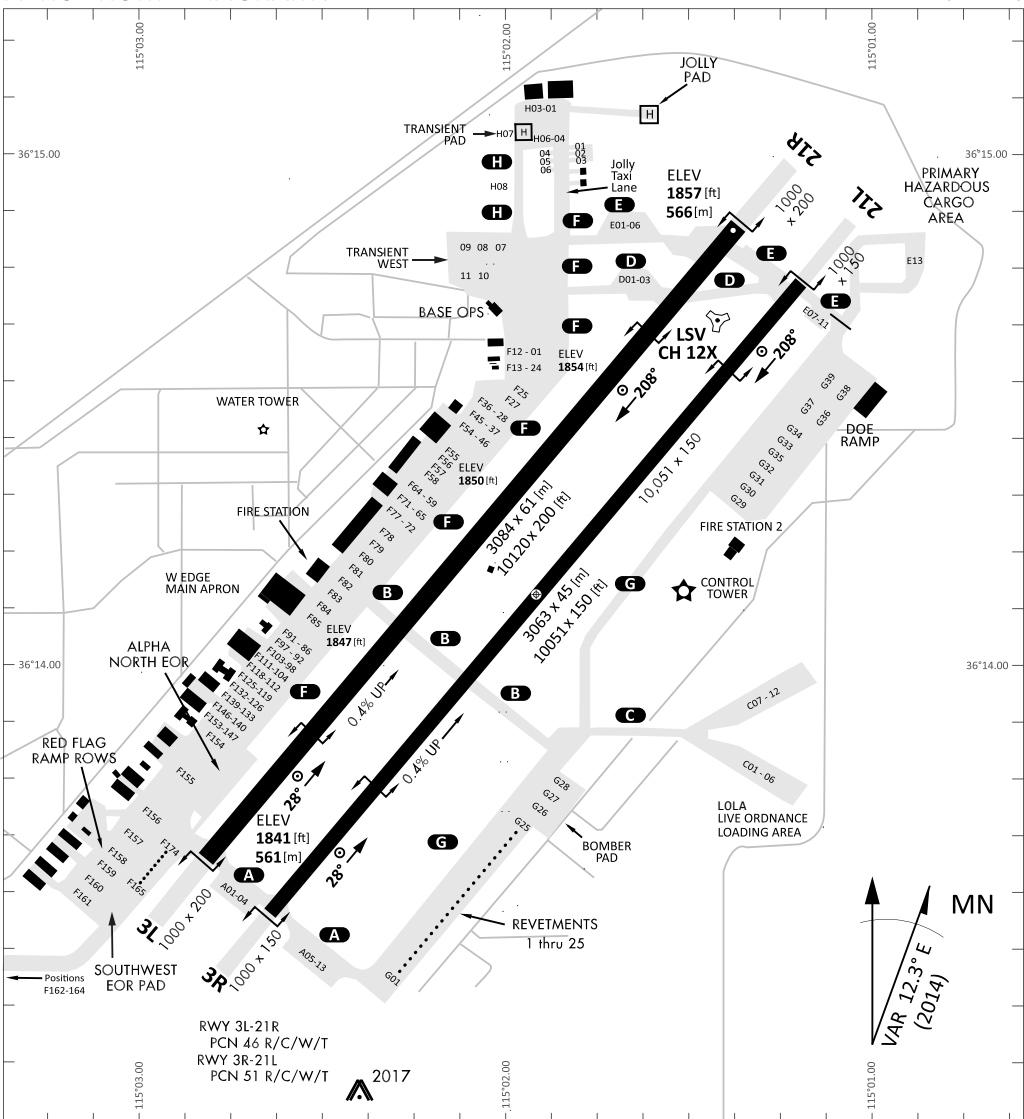
SUPPORT					
Tanker					
Callsign		TCN	Freq	ALT	TAS
SHELL 2		115Y	360.8	FL250	430
	Pos	AR-635: MLF 260/127 (N3831 W11542)			
TEXACO 1		94Y	265.0	17000	290
	Pos	AR-641A: CDC 242/78 (N3728 W11439)			
TEXACO 3		22Y	300.05	15000	280
	Pos	AR-231V: BTY 126/37 (N3620 W11614)			
AWACS					
Callsign	Freq	ALT	Pos		
MAGIC	377.8	FL270	N3749 W11417 - N3713 W11446		

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Cougar 1	Training	2x F-14B	264.15	21/84		171X
	AO	Student Gap	Task	Tactical Formation Training		
Tiger 1	Training	2x F/A-18C	261.15	11/74	1	155X
	AO	Range 76.03	Task	STRIKE Airfiled Strike		
Lion 1	Training	4x F-16C	134.0	41/104		158X
	AO		Task	Tac Formation Training		
Monster 1	Training	2x A-10C	132.15	25/88	21	161X
	AO		Task	LGB Range 64-A		
Chevy 4	Training	2x A-10C	131.25	21/84		156X
	AO		Task	LGB Range 64-B		
T-Rex 2	Training	2x A-10C	132.0	27/90	25	165X
	AO		Task	LGB Range 62-B		
Edelweiss 5	Training	1x AV-8B N/A	264.55	21/84		175X
	AO		Task			
Cougar 2	Training	3x F-14B	264.25	21/84		171X
	AO	Student Gap	Task	Tactical Formation Training		

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	
F	A	L	T	E	R	I	N	G	S	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	RKLC	DJT	YIU	OE	FA	BMV	QP	HG	XN	SW
B	SXRK	HBC	TMA	UY	NG	ELD	PJ	FW	VO	IQ
C	NMOL	VKR	SGD	TH	IF	QJX	YW	PE	AB	CU
D	IWLK	XTB	FPH	DG	AJ	ROU	VY	SE	NM	CQ
E	KLWP	NYV	AFQ	JD	GE	UCB	ST	XR	OH	IM
F	XWSV	BDQ	FJR	IG	AH	LMU	OC	YP	NT	EK
G	XVHM	CRW	JNG	FI	PT	UEL	DB	OQ	KS	AY
H	RTHA	FGK	PMN	US	DC	QWV	OX	IL	EB	YJ
I	TYUC	QMK	SBN	WG	DA	IHX	FV	PR	LE	JO
J	OCWD	ELV	IYH	QS	BK	RAN	UJ	TX	MG	PF
K	MGIC	QST	WNY	AU	VJ	LFX	OP	KE	HB	DR
L	SLAF	PEJ	VKQ	MC	IY	UBW	XD	HR	GT	NO
M	IYWS	GKL	ECF	PN	OU	TDR	HB	AJ	QX	VM
N	LBSK	WXM	GDC	OU	HF	NQE	IP	RT	AV	YJ
O	UXMG	IRV	TOK	SH	QJ	WLD	BN	FY	CP	AE
P	JBUN	GAF	RMT	PL	DO	IHK	YW	XE	QS	VC
Q	IEPU	SJB	GNQ	OX	YW	MRL	HA	FK	TD	VC
R	VTQO	UCL	JIN	YX	PB	HRD	MG	EW	SF	KA
S	UQBF	OYP	VRI	XD	NA	SJK	LM	HT	WC	EG
T	UCJA	QTW	GFV	XR	YH	MOS	PK	EN	DL	BI
U	UWRG	PEF	ITB	LV	OJ	NDH	AX	QY	SK	MC
V	MLBQ	OTH	JRS	CU	VX	PIG	WN	AK	DE	YF
W	BTEY	GQL	PAV	WN	JR	SOF	MX	UI	CD	KH
X	WVFJ	ADQ	TSL	KB	EN	HOU	YI	CP	MX	GR
Y	NJIE	AWG	FQO	YD	XS	BTP	LH	RM	UC	KV

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

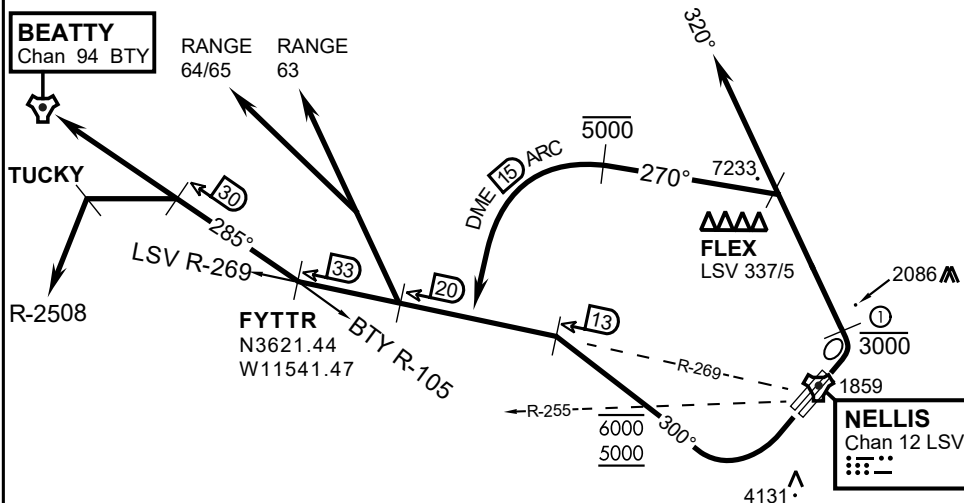
ATIS
270.100
NELLIS GROUND
275.800
NELLIS TOWER
327.000
NELLIS CONTROL
317.525
NELLIS DEP/APP EAST
384.400
BLACKJACK
377.800

VAR 12.3°E

VMC ONLY

PILOT RESPONSIBLE FOR TERRAIN AVOIDANCE

① 4 NM from RWY 3L/R



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 3L/R:

- Remain below 3,000' MSL until north of Race Track and turned westbound.
- Turn left within 4NM of Nellis direct FLEX. Fly north of FLEX and turn left heading 270°.
- Intercept LSV 15 DME ARC at or below 5,000' MSL.
- ARC south. intercept LSV R-269 outbound. Maintain VFR.

TAKEOFF RWY 21L/21R:

- Follow Noise Abatement Procedures.
- Fly runway heading until past Golf Course, turn right heading 300°.
- Cross LSV R-255 between 5,000' and 6,000' , intercept and proceed outbound on the LSV R-269. Recommend climb to 8,500' MSL or appropriate VFR altitude for overflight of North Las Vegas Training Area. Fly routing for appr. mission/transition.

TRANSITIONS:

R-4806: Turn right at the LSV 269/20 direct to assigned ranges.

BEATTY: Turn right at FYTTR direct BTY via the BTY R-105

R-2508: Turn right at the FYTTR, intercept the BTY 105/30, direct TUCKY, then direct R-2508

FYTTR DEPARTURE AND TRANSITIONS (FYTTR LOW)



APPROACH ROUTE DESCRIPTION

APPROACH RWY 3L/R

Cross STRYK at or above 9,500' MSL, proceed direct GASS PEAK. Cross JORDN at or above 9,500' MSL, cross GASS PEAK at or above 8,500' MSL. Proceed direct SIMNS and cross at 5,500' MSL. Cross Las Vegas Blvd at or above 4,000' MSL then to 3,500' MSL for Initial. Remain within 4 DME if LSV on turn to final.

VFR STRAIGHT-IN RWY 3L/R

Depart CRAIG & descend to be at 3,000' MSL by Las Vegas Blvd. Do not descend below 3,000' MSL until within 5 DME of LSV or 4 NM of the runway on turn to final.

APPROACH RWY 21L/R

Cross STRYK at or above 9,500' MSL, proceed direct GASS PEAK. Cross JORDN at or above 9,500' MSL, cross GASS PEAK at or above 8,500' MSL. Cross APEX at or above 4,500' MSL then direct 5NM initial. Descend to cross PHINN at 4,000' MSL, Inside 5 NM descend to 3,500' MSL.

VFR STRAIGHT-IN RWY 21L/R

Cross APEX at 4,000' MSL. Descend to be at 3,000' MSL at PHINN. Descend to 3,000' MSL at LSV 027/5.

RANGE 63B EXIT

SOUTH: Via NIXON at or above 10,000' MSL, then direct STRYK.

EAST: Via SARAH at or above 10,000' MSL, then direct GASS PEAK.



INDIAN SPRINGS, NEVADA

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

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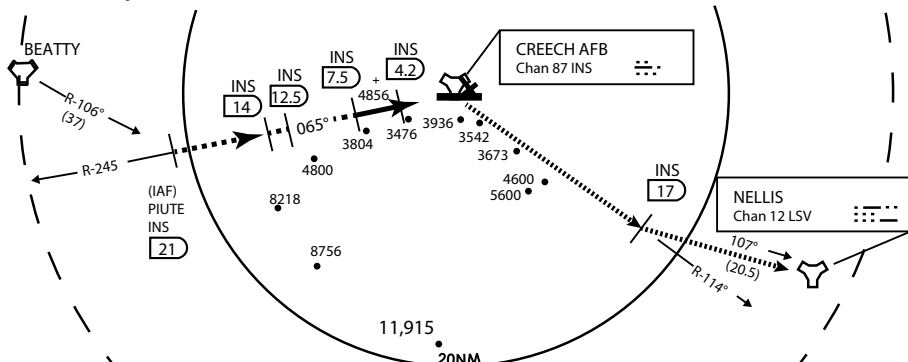
NELLIS CON

CREECH AFB TOWER
118.30 660.60GND 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 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



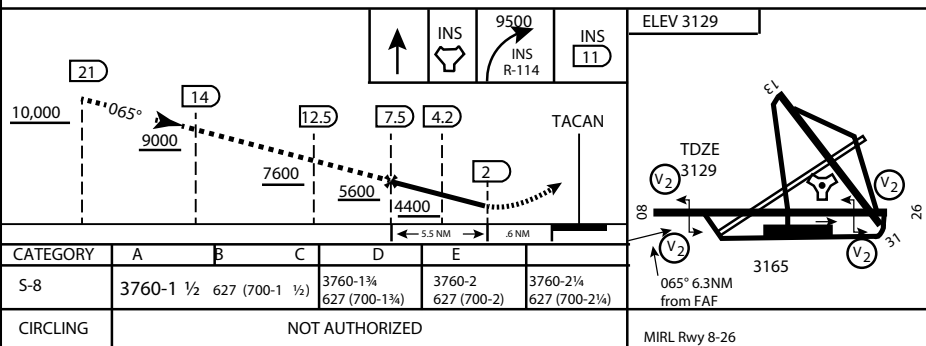
* CAUTION: Missed Approach Climb Rate to 4,700

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



CITY OF INDIAN, NEVADA

INDIAN SPRINGS AF AUX (KINS)

(FOR DAY VFR USE ONLY)



