

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
1993/2023		Raptor 1		Training		222000JUN23		
Task	Aerial Intercept						Freq	
AO	BVR-Y						134.0	
Departure				Recovery				
FYTTR LOW				STRYK				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Raptor 1-1		Nerkub		1611	21Y	1561	
-2	Raptor 1-2		Butcher		1612	84Y	1562	
-4	Raptor 1-4		Woodman		1614	21X	1564	

LOADOUT			
A/A			
A/G			
POD			
TKS			

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	7163				

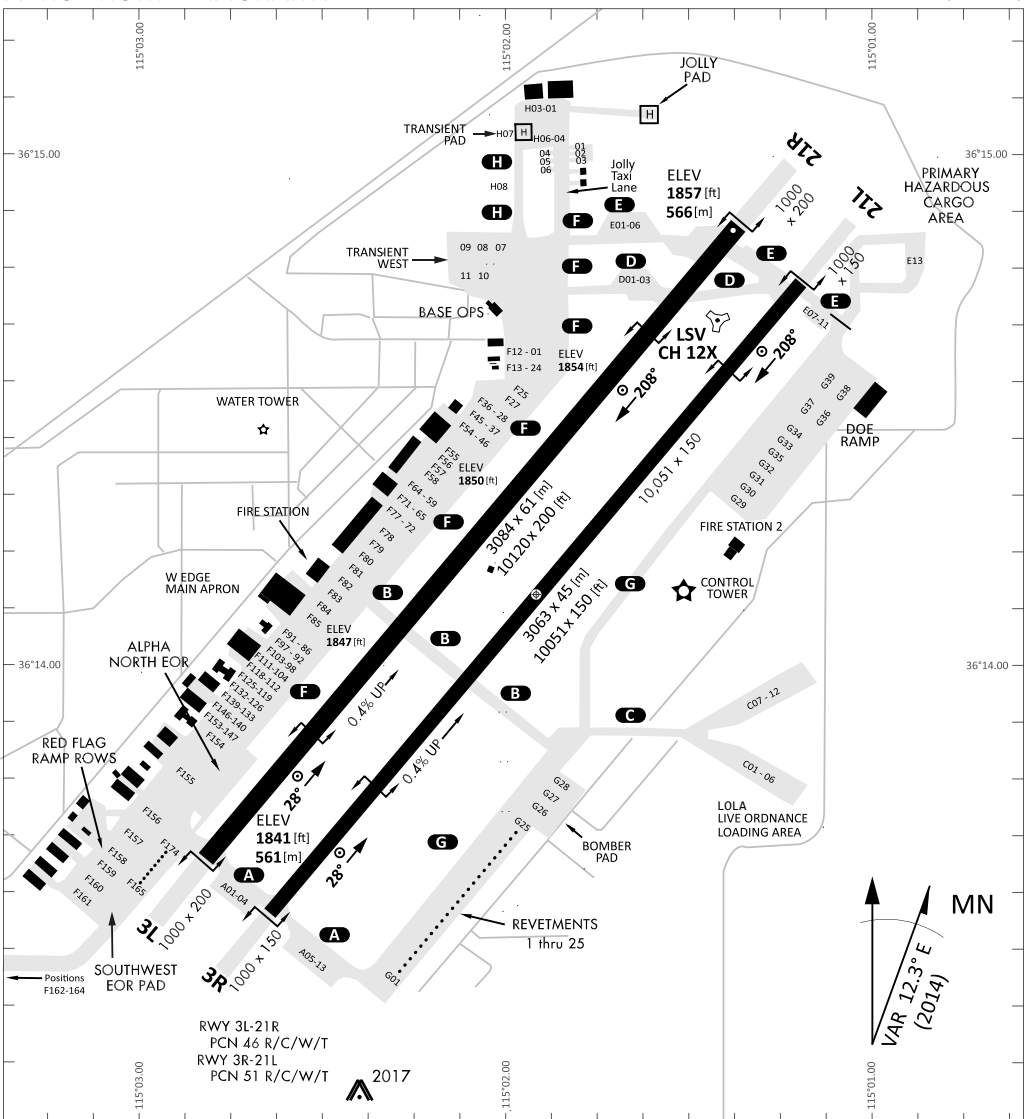
AIRBASES								
	Name	TCN	ATIS	GND	TWR	RWY	Elev	ILS
Dep	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1
Arr	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Rattler	Training	2x AH-64D	133.5	21/84		125X
	AO	Range 63 hot	Task			
Tiger 1	Training	2x F/A-18C	261.35	11/74	1	157X
	AO	Range 66.02 25B27	Task	Training Buddy Lase		
T-Rex 2	Training	2x A-10C	132.25	27/90	25	165X
	AO	R66	Task	IR Missles		

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	E	F	O	C	U	S	I	N	G	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	GJFI	CBL	SWN	HR	EU	DOX	YV	MA	QP	TK
B	GTJC	PAD	YRW	LF	XK	OQS	UN	IV	HB	ME
C	HADB	PMK	UJS	EX	NY	GOQ	TR	LW	CI	VF
D	PKJQ	NSR	WUT	LD	OE	CAI	FY	HX	VG	MB
E	IWOU	GAM	SRQ	FL	XJ	YVC	EP	NT	BD	KH
F	LORD	GSY	NEM	UB	FT	APK	JI	XH	WV	QC
G	GCBK	JUM	OWH	DI	TV	XFE	YN	SL	PA	RQ
H	ASXL	YMB	FUD	JR	QW	OVK	GN	EC	HI	PT
I	DGYO	FMR	BXJ	VU	CK	HPQ	SE	NW	AI	LT
J	FDWT	HIE	RVM	XB	LC	JQK	UA	NO	SP	GY
K	HPYN	KGQ	JAI	FT	CL	XWE	US	RB	DM	OV
L	UCDW	BOY	HQF	JM	XN	TSL	RI	EV	PK	GA
M	MWIY	SKH	QDB	JT	LE	CNA	UO	RP	VG	XF
N	DLNS	UIQ	OAP	GY	KM	RCB	XJ	EW	TH	VF
O	DJNR	WTH	KIO	AV	UX	MYE	GF	CB	SP	QL
P	PNVI	DQA	SYX	BF	TH	RCL	WO	GK	JM	EU
Q	SGYN	XHU	RDO	WK	LM	QEI	CJ	VF	AB	TP
R	JXAB	NER	IQK	GL	UF	YOS	HV	TD	MC	WP
S	TDBQ	VPM	EUC	HK	OG	SYJ	NA	LI	WX	FR
T	PMUI	WAC	VQN	OT	GE	RSF	KL	BH	YJ	XD
U	SYMF	GND	ACP	VK	JQ	IHB	RT	WL	OE	UX
V	XCTR	BND	EFO	JG	SP	ALI	MY	HK	VQ	WU
W	QXYE	PUG	RAD	SJ	IF	HBN	LO	TW	KM	VC
X	GHKT	QAW	ESP	DB	JN	VFC	UO	LX	MY	IR
Y	PVAI	MXQ	FEU	GS	DB	CKH	NL	JR	WO	TY

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



	RWY	CAT	MINIMA		ARP 36° 14.060' N 115° 01.058' W	ELEV 1857 [ft] 566 [m]	Scale 1:35'500					
PAR	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	

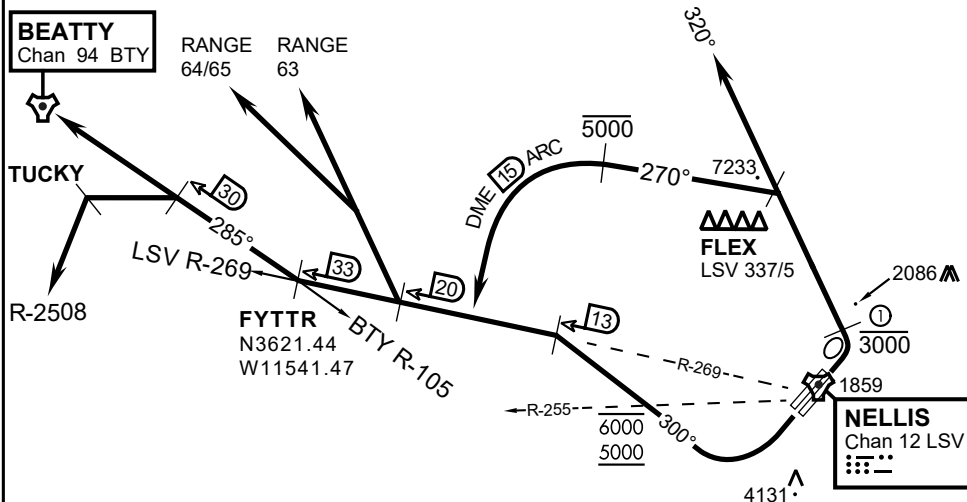
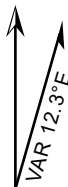
ATIS
 270.100
 NELLIS GROUND
 275.800
 NELLIS TOWER
 327.000
 NELLIS CONTROL
 317.525
 NELLIS DEP/APP EAST
 384.400
 BLACKJACK
 377.800

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

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.

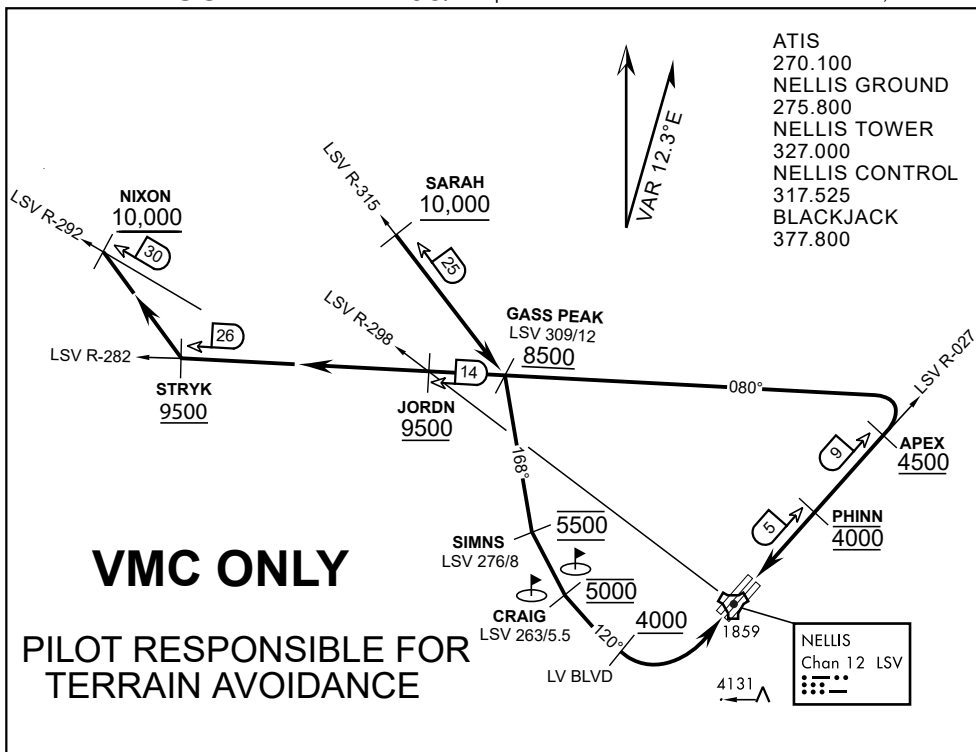
TRANSITIONS:

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.