

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
2042/2023		Raptor 2		Training		032000AUG23		
Task							Freq	
AO							261.25	
Departure				Recovery				
FYTTR LOW				ARCOE				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Raptor 2-1		Butcher		1621	21Y	1561	

LOADOUT							
A/A	2xA9L					GUN	100% HEI-T
A/G	6xM82					CHF	120
POD	A131, TGP					FLR	0
TKS	2xFT300					FUEL	100%

TOLD							
		Takeoff	Target	Joker	Bingo	Land	
FUEL		11169					

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			

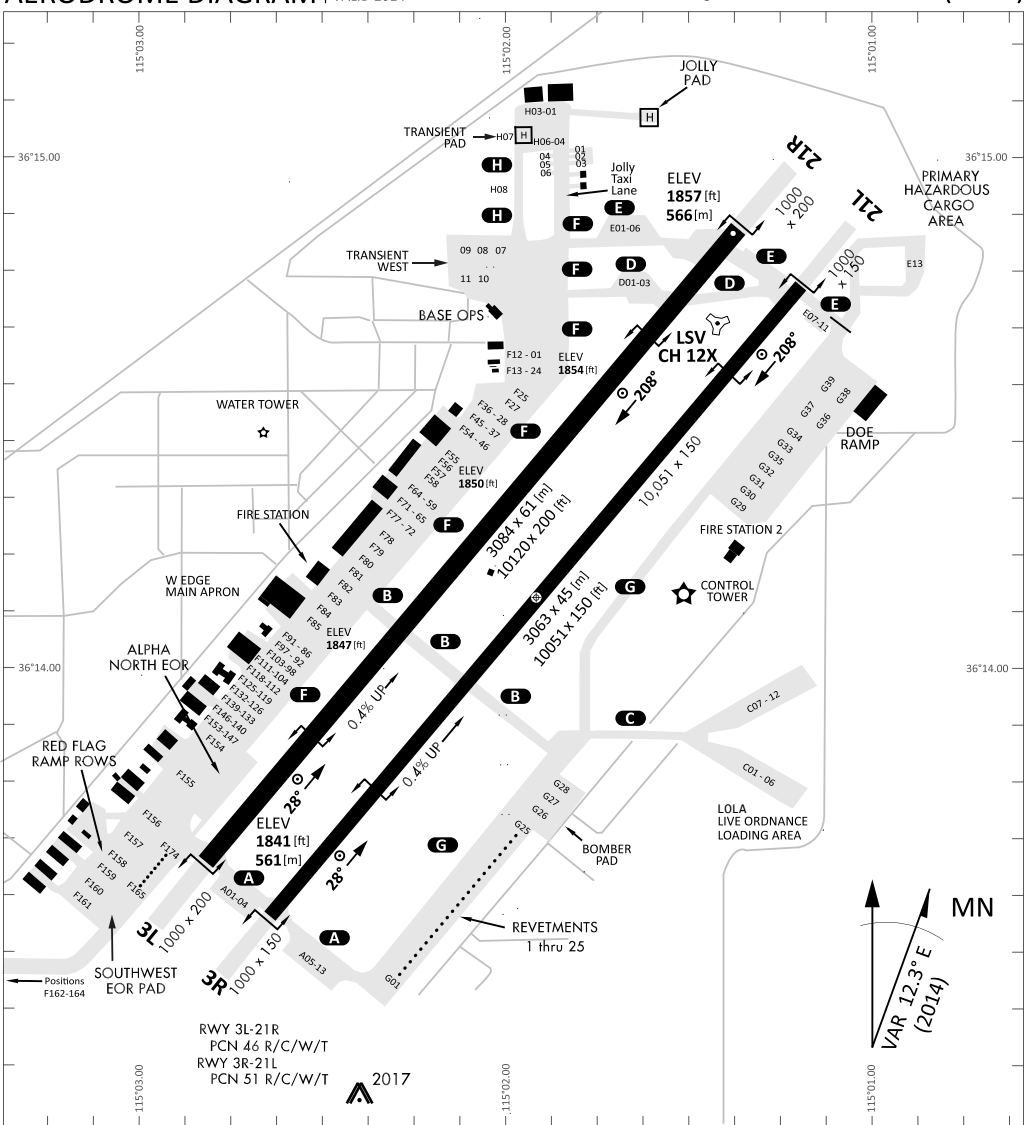
FLIGHTPLAN				
#	Name	Navaid/Coords/DME	ALT	TOT
1	FYTTR	LSV 269/33 (N36 21.440 W115 41.470)	12000	
2	TROUTT	LSV 323/63 (N37 17 W115 07.050)	21000	
3	COYOTE PK	N37 37.500 W115 38	21000	
4	Target	N36 21.470 W115 41.550	21000	
5	Creech	N36 35.208 W115 40.961	20000	
6	ARCOE	LSV 357/30 (N36 44.260 W114 55.020)	15000	

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Raptor 3	Training	4x F-16C	134.0	21/84		156X
	AO	Range 63	Task	MAV 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	
P	A	R	C	H	M	E	N	T	S	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	KPNS	WYH	RDX	TB	VM	EUA	CG	IL	OJ	QF
B	EWDG	ANJ	ICP	UK	QX	MRO	VS	FB	HT	YL
C	EPVU	GOI	LYQ	KH	TA	BWC	DF	SR	JX	NM
D	MPYW	USN	ITL	VB	GX	EHK	CF	DR	QA	OJ
E	CNTE	WOD	PUY	HL	KR	MIG	SV	JA	XB	FQ
F	XCYM	GOS	HPT	LQ	FN	WVU	EA	DB	IK	RJ
G	MTIW	EFG	DLH	XC	OS	BVY	KQ	AJ	UP	NR
H	UHAT	KOP	QNL	EX	SW	VBY	CM	GD	JI	RF
I	BEFL	NUJ	VQO	HI	WY	GXS	AT	RP	DM	CK
J	WESB	OQN	YIG	HM	RP	JVF	LA	DC	KT	XU
K	DHJO	LEB	PGM	QV	XT	SWY	FC	IA	RN	UK
L	BLDX	VCA	GIO	EN	JU	TWP	YF	MR	QK	SH
M	PGBF	EDA	JOK	RH	TV	XUI	YL	CW	SQ	MN
N	SHAO	FWY	KUR	TM	QD	GIJ	BC	PL	EN	VX
O	ISEN	DTK	JOE	WB	PY	XGV	AL	QH	MR	CU
P	FVCU	ILQ	OMN	XW	SA	THG	KJ	YP	RB	ED
Q	OALD	RHG	CBW	XQ	MT	VIN	US	YJ	EK	PF
R	TMXW	ALF	SKV	IG	RY	BNC	OU	HD	EQ	JP
S	EDJC	FTX	WAU	VG	HY	BSQ	KL	RO	PI	NM
T	OIVY	TKD	HRF	QU	CX	NLP	EJ	SM	AG	BW
U	CANU	HLY	SFK	PI	QT	RDG	VO	JM	XW	EB
V	VWUM	NBE	IQK	FX	HC	LYD	OR	JP	TG	AS
W	USBG	MKD	WCP	NV	FT	ROL	YH	AI	QX	EJ
X	RNIP	SWU	GFQ	YC	KO	BJL	EM	DA	HV	XT
Y	EABJ	OTK	WSU	CQ	IP	XVL	DH	FG	YR	NM

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

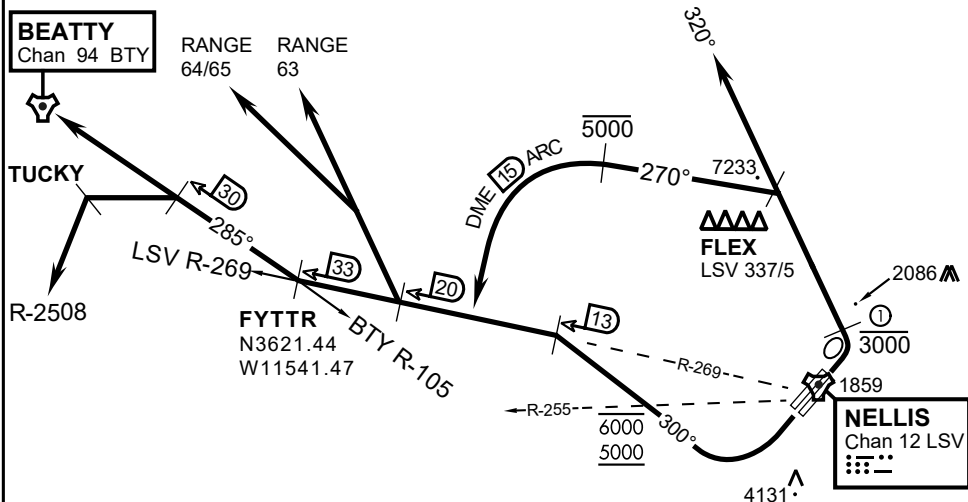
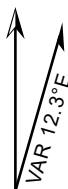
ATIS
 270.100
 NELLIS GROUND
 275.800
 NELLIS TOWER
 327.000
 NELLIS CONTROL
 317.525
 NELLIS DEP/APP EAST
 384.400
 BLACKJACK
 377.800

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:

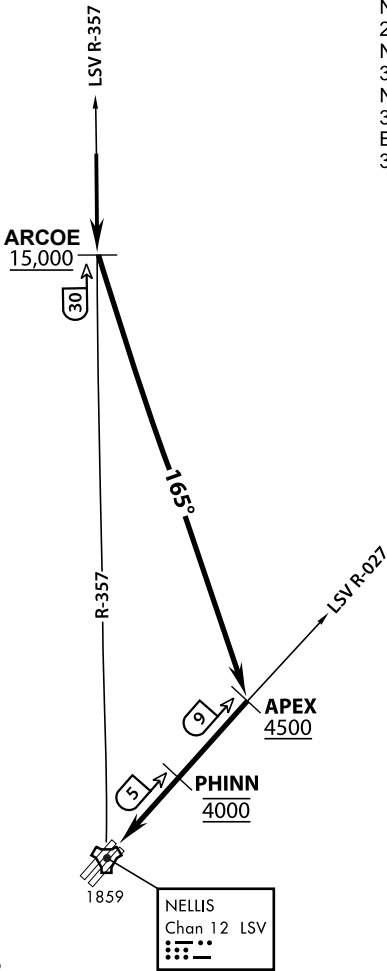
R-4806: Turn right at the LSV 269/20 direct to assigned ranges.

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)

- ATIS
270.100
- NELLIS GROUND
275.800
- NELLIS TOWER
327.000
- NELLIS CONTROL
317.525
- BLACKJACK
377.800



VMC ONLY

**PILOT RESPONSIBLE FOR
TERRAIN AVOIDANCE**

APPROACH ROUTE DESCRIPTION

OVERHEAD

Cross ARCOE at or above 15,000 MSL, then heading 165° to APEX.
Cross APEX at or above 4,500 MSL, report to tower.
Cross PHINN (LSV 027/5) at 4,000 MSL then descend to 3,500 MSL for Initial.

VFR STRAIGHT IN RWY 21

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

