

**MISSION DATA CARD**

OPORD		Callsign		Mission		Date/Time		
3346/2024		Raptor 2		Training		212000OCT24		
Task	MAV Training					Freq		
AO	R66 / Leach Lake					134.5		
Departure				Recovery				
FYTTR LOW				STRYK				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Raptor 2-1		Woodman		1621	1Y	1631	
-2	Raptor 2-2		Jinx		1622	64Y	1632	

**LOADOUT**

A/A	2xA9X, 2xA120C					GUN	100% HEI-T
A/G	4xA65H					CHF	60
POD	HTS, A184, TGP					FLR	60
TKS	2xFT300					FUEL	100%

**TOLD**

	Takeoff	Target	Joker	Bingo	Land
FUEL	11169		4500	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

**FLIGHTPLAN**

#	Name	Navaid/Coords/DME	ALT	TOT
1	FYTTR	LSV 269/33 (N36 21.440 W115 41.470)	12000	
2	LATNW16	N36 06.500 W116 17	22000	
3	IP	N35 48.990 W116 47	22000	
4	Leach Lake	DAG 341/40 (N35 37.510 W116 40.670)	2655	
5	LATNW15	N35 43.333 W115 56.833	22000	
6	STRYK	LSV 282/26 (N36 25.620 W115 30.700)	9500	
7	GASS PEAK	LSV 309/12 (N36 24.140 W115 10.660)	8500	
8	LSV	N36 14.680 W115 01.500	0	

**COMMS**

Radio	Usage
1	11,3,4,16,348.7,11,4,3

## NOTES

Activate Range!

Command and Control

Callsign: JOSHUA

FREQ: 348.700

Execution:

- Takeoff Nellis AFB via FYTTR LOW Departure
- After passing FYTTR, checkin Darkstar, climb FL220 and head towards SP2
- From SP2 head towards IP -> Fence In and check in on JOSHUA (348.700)
- From IP run in on target: 3 runs in total per plane (2 times single maverick, 1 time ripple)
- Use right attack hand pattern, trailing attack runs.
- After last attack run egress towards SP6 and return to base.

**SUPPORT****AWACS**

Callsign	Freq	ALT	Pos
MAGIC	377.8	FL270	N3749 W11417 - N3713 W11446

## OTHER FLIGHTS

Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Edelweiss 5	Training	2x F/A-18C	134.55	1/64	41	167X
AO	Red Corridor	Task	Fam Flight			
Edelweiss 7	Training	2x F/A-18C	134.75	1/64	41	167X
AO	Blue Corridor	Task	Fam Flight			
Raptor 1	Training	2x F-16C	134.0	1/64		162X
AO	R66 / Leach Lake	Task	MAV Training			
Joker* 1	Training	1x Ground	348.7	1/64		170X
AO	R66 / Leach Lake	Task	Range Control - Callsign: JOSHUA			
Rattler 1	Training	4x AH-64D	133.5	1/64		125X
AO	LATNG	Task	Radar-Training			
T-Rex 2	Training	4x A-10C	132.25	1/64	25	165X
AO	R63	Task	Dumb Bombs Strafe			

**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
M	I	S	F	O	R	T	U	N	E

**KTC 1400 C**

	0	1	2	3	4	5	6	7	8	9
A	MOVJ	PGT	QAS	KY	HC	IUB	RX	FL	WD	NE
B	XDYF	KTQ	MJS	OE	PI	NAB	VU	GH	WR	LC
C	WCID	PHR	FOV	YJ	NG	MEB	AL	QT	XK	SU
D	GQAY	UKW	MTJ	BF	PC	HID	RX	SL	VO	EN
E	LJPQ	EXF	URK	OD	YV	AHN	BI	TM	WG	SC
F	MHBP	LJG	XIU	TV	DS	KRN	FQ	AY	EW	CO
G	AEWJ	UPD	XBK	CN	FY	TLS	RO	IG	HM	VQ
H	HLBX	FYN	MDS	VJ	QA	EUO	WK	RP	GC	IT
I	PONJ	LUW	CBQ	RF	GK	MHI	DX	YE	VT	AS
J	YGTC	PKM	JIN	VL	HA	QWO	EU	FX	DB	RS
K	GEVR	KNX	UOL	DJ	HA	MYB	SW	IQ	CT	FP
L	TGWU	YPA	KBL	XD	FO	EMR	QN	SH	IJ	VC
M	YQWF	CUG	HTX	LM	AO	NES	JD	VK	IB	RP
N	LEDS	GIP	WRO	TV	QB	NJU	KC	HX	FY	MA
O	OCWF	TGH	DBA	YM	RP	VJS	UE	IL	KX	QN
P	OGLE	YAH	TBS	QR	DX	JPM	IC	VW	KN	FU
Q	UIRM	BLO	VKY	CS	AJ	FTD	XQ	GP	NE	HW
R	AGRM	KLB	XCN	WY	DS	FJE	TO	VQ	UP	HI
S	FSIX	ORY	PMH	NB	UV	GCD	QL	JW	EK	TA
T	BQYM	PRT	NWF	EA	GH	OJS	UX	IV	DC	LK
U	VEKQ	UCH	NTW	RG	IP	FXA	OB	MD	JY	LS
V	TWPH	SNV	JGR	LE	OA	BIY	XQ	FD	UC	MK
W	JWQG	YOA	NIC	UB	RL	TEX	FD	PS	MV	HK
X	JLTQ	POK	SNH	WD	FV	MYX	AU	CB	GE	RI
Y	DOEW	VTJ	NRL	QC	XY	AFS	KI	GU	PB	MH

**NAVAIDS**

<b>Id</b>	<b>Name</b>	<b>Channel</b>	<b>Position</b>	<b>Elevation</b>
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 115° 01.058° W	1857 [ft] 566 [m]	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

# FYTTR LOW VISUAL OPERATION CHART | VALID 2014

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

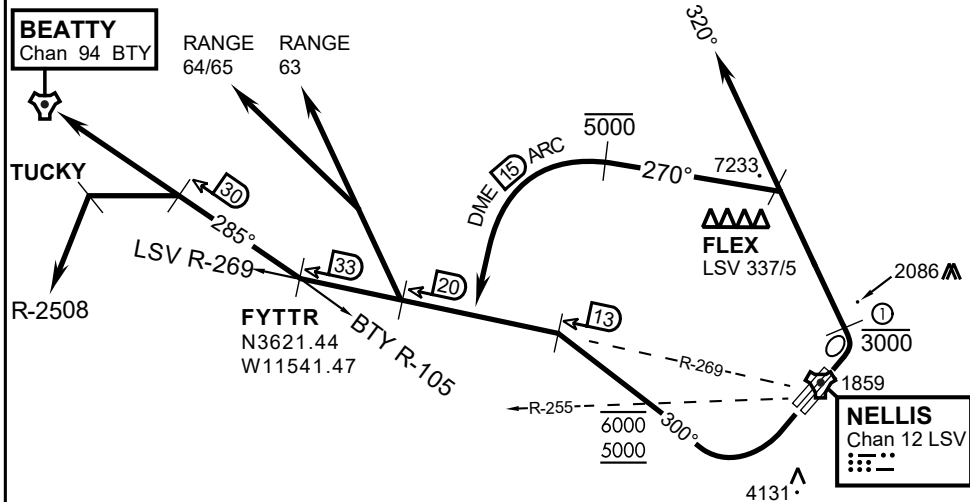
CAUTION: If unable to comply with restrictions advise ATC prior to departure.



## 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.

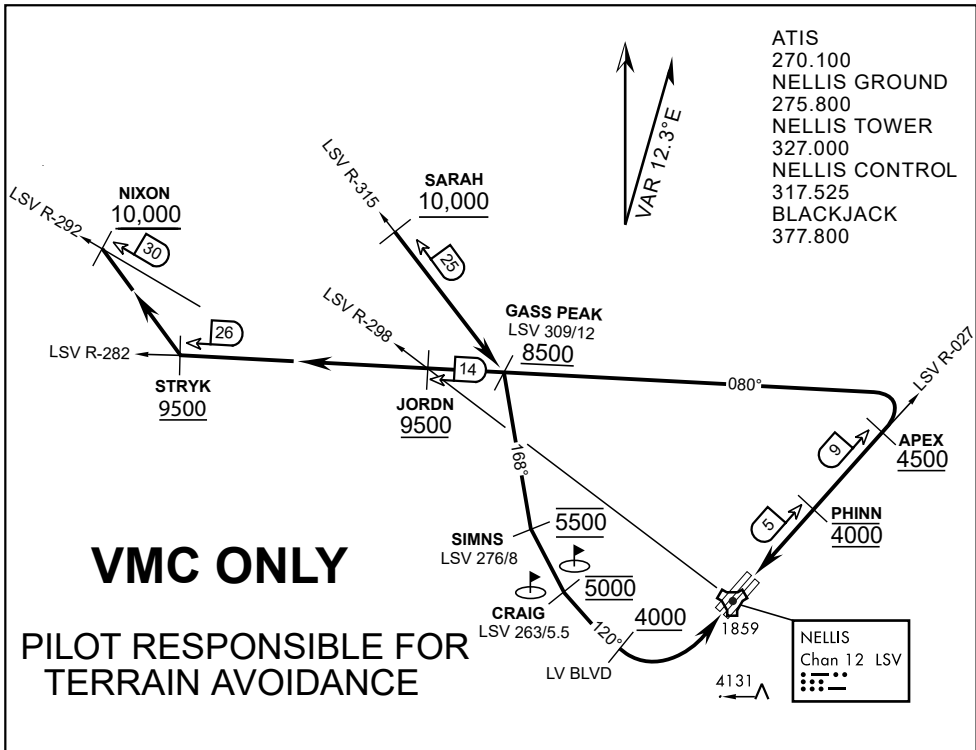
#### TAKEOFF RWY 21L/21R:

- 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**

**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.