



COMBATWOMBAT'S

**FENCE CHECKS &
THREAT SUMMARIES**



FENCE IN

FIRE CONTROL SYSTEMS

RADAR	OPR	MODE SCALE LEVEL AZIMUTH PER BRIEF
MASTER MODE	SET	MASTER ARM OFF
TARGETING POD	ON	
LASER	ARM	SET CODE, STBY
MISSILES	COOL	
MISSILE/GUN	CONF	SET SIZE/RTN
MFD/DDI	SET	

ECM

ECM	REC	
DISPENSERS	SET	
CM CONFIG	SET	IR CHAFF BOMB RUN

NAVAIDS

WAYPOINT	AUTO	SET STEERPT
IP/BULLSEYE	ID	
TACAN	SET	TANKER/HOME
BINGO	SET	JOKER LEVEL
RADAR ALT	SET	HARD DECK

COMMS

RADIO	SET	
SECURE VOICE	SET	PER BRIEF
VOLUME RWR RADIO	SET	
DATALINK	ON	

EMITTERS

RADAR	OPR	CONFIRM
TACAN	SET	REC OR OFF
RWR	ON	OFF
IFF	SET	PER BRIEF
LIGHTS	OFF	ON AS REQ



FENCE OUT

FIRE CONTROL SYSTEMS

RADAR	SBY
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MASTER MODE	OFF
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TARGETING POD	OFF
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LASER	OFF
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MISSILES	OFF
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MFD/DDI	OFF
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ECM

ECM	SBY
-----	-----

DISPENSERS	OFF
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NAVAIDS

WAYPOINT	SET	STEERPT
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TACAN	SET	SET
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BINGO	SET	CHECK
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ILS	SET	ON AS REQ
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COMMS

RADIO	SET	ADJUST
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SECURE VOICE	SET	PER BRIEF
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VOLUME RWR RADIO	SET
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DATALINK	OFF
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EMITTERS

RADAR	SET	SBY/OFF
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TACAN	T/R
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RWR	OFF
-----	-----

IFF	SET	PER BRIEF
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LIGHTS	ON	AS REQD
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RWR SUMMARY



SURFACE
THREAT



AERIAL
THREAT



SEA
THREAT



MISSILE



LAUNCH
WARNING



NEWEST
THREAT



PRIMARY
THREAT



FRIENDLY



UNKNOWN



DONOR
THREAT



DONOR
FRIENDLY

EAST

SURFACE

3 LB	SA-3 Goa
6	SA-6 Gainful
8 DT	SA-8 Gecko
10	SA-10 Grumble
BB	
12	SA-11 Gadfly
11	
SD	SA-13 Gopher
13	
15	SA-15 Gauntlet
A	ZSU-23/4 Shilka

FIGHTERS

19	MiG-19 Farmer
21	MiG-21 Fishbed
23	MiG-23 Flogger
25	MiG-25 Foxbat
29	MiG-29 Fulcrum
	Su-27/33 Flanker
30	Su-30 Flanker C
34	Su-34 Fullback

BOMBERS

24	Su-24 Fencer
39	Su-39 Frogfoot
22	Tu-22 Backfire
95	Tu-95 Bear
TU	Tu-142 Bear
BJ	Tu-160 Blackjack

OTHER

50	A-50 Mainstay
AN	An-26 Curl
	An-30 Clank
76	Il-76 Midas
78	Il-78 Candid

SEA

SW	Kuznetsov Carrier
HN	Kirov Battlecruiser
T2	Moskvacruiser
TP	Krivak/Neustrashimyy Frigate
HP	Grisha Corvette
PS	Tarantul Corvette

WEST

SURFACE

RP	Rapier
BF	MIM-115 Roland
RO	
GR	MIM-23 Hawk
HA	
HK	MIM-50 Patriot
PA	
A	M-163 Vulcan Gepad

FIGHTERS

AV	AV-8B Harrier
14	F-14 Tomcat
15	F-15 Eagle
16	F-16 Falcon
18	F/A-18 Hornet
37	AJS-37 Viggen
F2	F2 Tornado
F4	F-4E Phantom II
F5	F-5 Freedom
M2	M-2000 Mirage

BOMBERS

11	F-111 Aardvark
52	B-52 Stratofortress
B1	B-1 Lancer

OTHER

13	C-130 Hercules
17	C-17 Globemaster
E2	E-2 Hawkeye
E6	E/A-6 Prowler
KC	KC-130
	KC-135/MPRS
S3	S-3 Viking

SEA

SS	Nimitz Class Carrier
49	Perry Class Frigate
40	Tarawa Class Carrier
AE	Ticonderoga Cruiser
AE	Arleigh Burke Class
U	Centaur Carrier
U	Oak Hill Class LSD
U	Juan Carlos LHD
U	Charles De Gaulle

CHINA

SURFACE

7	HQ-7
10	SA-10 Grumble
BB	
12	SA-15 Gauntlet
15	

FIGHTERS

JF	JF-17 Thunder
29	J-11 Flanker L

OTHER

50	KJ-2000
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SEA

U	Type 52B Frigate
U	Type 52C Frigate
U	Type 54A Frigate
U	Type 071 ATD



AIRBORNE MISSILES

LONG RANGE



AIM-54C

R-33

R-77

PL-12

80NM

53NM

50NM

62NM

SARH

SARH

RADAR

RADAR

MID RANGE



AIM-7

AIM-120C

R-27

24NM

30NM

38NM

RADAR

SARH

RADAR

SHORT RANGE



AIM-9

R-60

R-550

PL-9

PL-8

R-73

6NM

5NM

8NM

11NM

10NM

8NM

IR

IR

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IR

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IR



SURFACE THREATS EAST

<div>3</div> <div>LB</div> 	<table><tr><th>NAME</th><td colspan="2">SA-3 GOA</td><td>★</td></tr><tr><th>RANGE</th><td>MIN: 3.24NM</td><td>MAX: 13.5NM</td><td></td></tr><tr><th>ALT</th><td>MIN: 300FT</td><td>MAX: 82,200FT</td><td></td></tr><tr><th>SPEED</th><td colspan="2">MACH 3+</td><td></td></tr><tr><th>ARM</th><td colspan="2">4</td><td></td></tr></table>	NAME	SA-3 GOA		★	RANGE	MIN: 3.24NM	MAX: 13.5NM		ALT	MIN: 300FT	MAX: 82,200FT		SPEED	MACH 3+			ARM	4		
NAME	SA-3 GOA		★																		
RANGE	MIN: 3.24NM	MAX: 13.5NM																			
ALT	MIN: 300FT	MAX: 82,200FT																			
SPEED	MACH 3+																				
ARM	4																				
<div>6</div> 	<table><tr><th>NAME</th><td colspan="2">SA-6 GAINFUL</td><td>★</td></tr><tr><th>RANGE</th><td>MIN: 2.16NM</td><td>MAX: 13NM</td><td></td></tr><tr><th>ALT</th><td>MIN: 300FT</td><td>MAX: 46,000FT</td><td></td></tr><tr><th>SPEED</th><td colspan="2">MACH 2.8</td><td></td></tr><tr><th>ARM</th><td>3</td><td>ACQ TIME: 28 SEC</td><td></td></tr></table>	NAME	SA-6 GAINFUL		★	RANGE	MIN: 2.16NM	MAX: 13NM		ALT	MIN: 300FT	MAX: 46,000FT		SPEED	MACH 2.8			ARM	3	ACQ TIME: 28 SEC	
NAME	SA-6 GAINFUL		★																		
RANGE	MIN: 2.16NM	MAX: 13NM																			
ALT	MIN: 300FT	MAX: 46,000FT																			
SPEED	MACH 2.8																				
ARM	3	ACQ TIME: 28 SEC																			
<div>8</div> <div>DT</div> 	<table><tr><th>NAME</th><td colspan="2">SA-8 GECKO</td><td>★</td></tr><tr><th>RANGE</th><td>MIN: 0.8NM</td><td>MAX: 5.4NM</td><td></td></tr><tr><th>ALT</th><td>MIN: 300FT</td><td>MAX: 19,700FT</td><td></td></tr><tr><th>SPEED</th><td colspan="2">MACH</td><td></td></tr><tr><th>ARM</th><td>6</td><td>ACQ TIME: 26 SEC</td><td></td></tr></table>	NAME	SA-8 GECKO		★	RANGE	MIN: 0.8NM	MAX: 5.4NM		ALT	MIN: 300FT	MAX: 19,700FT		SPEED	MACH			ARM	6	ACQ TIME: 26 SEC	
NAME	SA-8 GECKO		★																		
RANGE	MIN: 0.8NM	MAX: 5.4NM																			
ALT	MIN: 300FT	MAX: 19,700FT																			
SPEED	MACH																				
ARM	6	ACQ TIME: 26 SEC																			
<div>IR</div> 	<table><tr><th>NAME</th><td colspan="2">SA-9 GASKIN</td><td>★</td></tr><tr><th>RANGE</th><td>MIN: 0.43NM</td><td>MAX: 2.27NM</td><td></td></tr><tr><th>ALT</th><td>MIN: 100FT</td><td>MAX: 11,500FT</td><td></td></tr><tr><th>SPEED</th><td colspan="2">MACH 1.8</td><td></td></tr><tr><th>ARM</th><td>4</td><td>ACQ TIME: 2.9 SEC</td><td></td></tr></table>	NAME	SA-9 GASKIN		★	RANGE	MIN: 0.43NM	MAX: 2.27NM		ALT	MIN: 100FT	MAX: 11,500FT		SPEED	MACH 1.8			ARM	4	ACQ TIME: 2.9 SEC	
NAME	SA-9 GASKIN		★																		
RANGE	MIN: 0.43NM	MAX: 2.27NM																			
ALT	MIN: 100FT	MAX: 11,500FT																			
SPEED	MACH 1.8																				
ARM	4	ACQ TIME: 2.9 SEC																			
<div>10</div> <div>BB</div> <div>12</div> 	<table><tr><th>NAME</th><td colspan="2">SA-10 GRUMBLE</td><td>★</td></tr><tr><th>RANGE</th><td>MIN: NM</td><td>MAX: 25.4NM</td><td></td></tr><tr><th>ALT</th><td>MIN: 100FT</td><td>MAX: 96,500FT</td><td></td></tr><tr><th>SPEED</th><td colspan="2">MACH 6</td><td></td></tr><tr><th>ARM</th><td>4</td><td>ACQ TIME: 3 SEC</td><td></td></tr></table>	NAME	SA-10 GRUMBLE		★	RANGE	MIN: NM	MAX: 25.4NM		ALT	MIN: 100FT	MAX: 96,500FT		SPEED	MACH 6			ARM	4	ACQ TIME: 3 SEC	
NAME	SA-10 GRUMBLE		★																		
RANGE	MIN: NM	MAX: 25.4NM																			
ALT	MIN: 100FT	MAX: 96,500FT																			
SPEED	MACH 6																				
ARM	4	ACQ TIME: 3 SEC																			
<div>11</div> <div>SD</div> 	<table><tr><th>NAME</th><td colspan="2">SA-11 GADFLY</td><td>★</td></tr><tr><th>RANGE</th><td>MIN: 2.0NM</td><td>MAX: 13NM</td><td></td></tr><tr><th>ALT</th><td>MIN: 300FT</td><td>MAX: 39,400FT</td><td></td></tr><tr><th>SPEED</th><td colspan="2">MACH 2.8+</td><td></td></tr><tr><th>ARM</th><td>4</td><td>ACQ TIME: 26 SEC</td><td></td></tr></table>	NAME	SA-11 GADFLY		★	RANGE	MIN: 2.0NM	MAX: 13NM		ALT	MIN: 300FT	MAX: 39,400FT		SPEED	MACH 2.8+			ARM	4	ACQ TIME: 26 SEC	
NAME	SA-11 GADFLY		★																		
RANGE	MIN: 2.0NM	MAX: 13NM																			
ALT	MIN: 300FT	MAX: 39,400FT																			
SPEED	MACH 2.8+																				
ARM	4	ACQ TIME: 26 SEC																			
<div>13</div> 	<table><tr><th>NAME</th><td colspan="2">SA-13 GOPHER</td><td>★</td></tr><tr><th>RANGE</th><td>MIN: 0.1NM</td><td>MAX: 2.7NM</td><td></td></tr><tr><th>ALT</th><td>MIN: 30FT</td><td>MAX: 11,500FT</td><td></td></tr><tr><th>SPEED</th><td colspan="2">MACH 1.6</td><td></td></tr><tr><th>ARM</th><td>4</td><td>ACQ TIME: 2.5 SEC</td><td></td></tr></table>	NAME	SA-13 GOPHER		★	RANGE	MIN: 0.1NM	MAX: 2.7NM		ALT	MIN: 30FT	MAX: 11,500FT		SPEED	MACH 1.6			ARM	4	ACQ TIME: 2.5 SEC	
NAME	SA-13 GOPHER		★																		
RANGE	MIN: 0.1NM	MAX: 2.7NM																			
ALT	MIN: 30FT	MAX: 11,500FT																			
SPEED	MACH 1.6																				
ARM	4	ACQ TIME: 2.5 SEC																			



SURFACE THREATS EAST

	NAME	SA-15 GAUNTLET		★
	RANGE	MIN: 0.54NM	MAX: 6.5NM	
	ALT	MIN: 300FT	MAX: 19,700FT	
	SPEED	MACH 2.7+		
	ARM	8	ACQ TIME: 9 SEC	
	NAME	SA-18 GROUSE		★
	RANGE	MIN: N/A	MAX: 2.8NM	
	ALT	MIN: 300FT	MAX: 9,800FT	
	SPEED	MACH		
	ARM	1	ACQ TIME: 6 SEC	
	NAME	ZSU-23/4 SHILKA		★
	RANGE	MIN: 0.1NM	MAX: 1.35NM	
	ALT	MIN: 300FT	MAX: 8,200FT	
	SPEED	MACH		
	ARM	4	ACQ TIME: 8 SEC	










SURFACE THREATS CHINA

<div>7</div> <div>HQ</div> 	NAME HQ-7		
	RANGE	MIN: 0.1NM MAX: 8.1NM	
	ALT	MIN: 50FT MAX: 19,600FT	
	SPEED	MACH 2.3	
	ARM	4	ACQ TIME: 9 SEC
<div>10</div> <div>BB</div> <div>12</div> 	NAME SA-10 GRUMBLE		
	RANGE	MIN: NM MAX: 25.4NM	
	ALT	MIN: 100FT MAX: 96,500FT	
	SPEED	MACH 6	
	ARM	4	ACQ TIME: 3 SEC
<div>15</div> 	NAME SA-15 GAUNTLET		
	RANGE	MIN: 0.54NM MAX: 6.5NM	
	ALT	MIN: 300FT MAX: 19,700FT	
	SPEED	MACH 2.7+	
	ARM	8	ACQ TIME: 9 SEC



SURFACE THREATS WEST

<div>RP</div> <div>BF</div> 	<div>NAME</div> <div>RAPIER</div> <div></div>
	<div>RANGE</div> <div>MIN: 0.21NM MAX: 4.4NM</div>
	<div>ALT</div> <div>MIN: 300FT MAX: 16,400FT</div>
	<div>SPEED</div> <div>MACH 2.5</div>
	<div>ARM</div> <div>4 ACQ TIME:</div>
<div>RO</div> <div>GR</div> 	<div>NAME</div> <div>MIM-115 ROLAND</div> <div></div>
	<div>RANGE</div> <div>MIN: 0.5NM MAX: 3.4NM</div>
	<div>ALT</div> <div>MIN: 30FT MAX: 19,500FT</div>
	<div>SPEED</div> <div>MACH 2</div>
	<div>ARM</div> <div>10 ACQ TIME: 11 SEC</div>
<div>IR</div> 	<div>NAME</div> <div>FIM-92 STINGER</div> <div></div>
	<div>RANGE</div> <div>MIN: 0.1NM MAX: 2NM</div>
	<div>ALT</div> <div>MIN: 100FT MAX: 11,000FT</div>
	<div>SPEED</div> <div>MACH 6</div>
	<div>ARM</div> <div>1 ACQ TIME: 6 SEC</div>
<div>HA</div> <div>HK</div> 	<div>NAME</div> <div>MIM-23 HAWK</div> <div></div>
	<div>RANGE</div> <div>MIN: 1.0NM MAX: 25.6NM</div>
	<div>ALT</div> <div>MIN: 450FT MAX: 45,000FT</div>
	<div>SPEED</div> <div>MACH 2.8+</div>
	<div>ARM</div> <div>3 ACQ TIME: 12 SEC</div>
<div>PA</div> 	<div>NAME</div> <div>MIM-104 PATRIOT</div> <div></div>
	<div>RANGE</div> <div>MIN: 1.6NM MAX: 86NM</div>
	<div>ALT</div> <div>MIN: 200FT MAX: 86,000FT</div>
	<div>SPEED</div> <div>MACH 4.1</div>
	<div>ARM</div> <div>4 ACQ TIME:</div>
<div>A</div> 	<div>NAME</div> <div>M-163 Vulcan</div> <div></div>
	<div>RANGE</div> <div>MIN: 0.1NM MAX: 1.8NM</div>
	<div>ALT</div> <div>MIN: 0FT MAX: 8,000FT</div>
	<div>SPEED</div> <div>MACH 2.8</div>
	<div>ARM</div> <div>~1200RNDs ACQ TIME: 6SEC</div>
<div>A</div> 	<div>NAME</div> <div>Gepard</div> <div></div>
	<div>RANGE</div> <div>MIN: 0.1NM MAX: 1.8NM</div>
	<div>ALT</div> <div>MIN: 0FT MAX: 13,000FT</div>
	<div>SPEED</div> <div>MACH 2.8</div>
	<div>ARM</div> <div>ACQ TIME: 4SEC</div>



AIRBORNE THREATS EAST



19

NAME	MiG19 Farmer	2 nd GEN FIGHTER
WPN	R-3S	RANGE _{WEP} 2.2NM
V _{MAX}	MACH 1.03	V _{SEA} MACH 0.93
G _{LIM}	3.5	THREAT LOW
NOTES		★



21

NAME	MiG21 Fishbed	TACTICAL FIGHTER
WEP	R-60/77/27	RANGE _{WEP} 5/50/38NM
V _{MAX}	MACH 2.05	V _{SEA} MACH 1.26
G _{LIM}	8.5	THREAT HIGH
NOTES		★



22

NAME	Tu22M Backfire	STRATEGIC BOMBER
WEP	Kh22	RANGE _{WEP} 620NM
V _{MAX}	MACH 1.42	V _{SEA} MACH 0.72
G _{LIM}	UNK	THREAT LOW
NOTES		★



23

NAME	MiG23 Flogger	VAR GEO FIGHTER
WEP	R-60/77/27	RANGE _{WEP} 5/50/38NM
V _{MAX}	MACH 2.35	V _{SEA} MACH 1.1
G _{LIM}	6.5	THREAT HIGH
NOTES		★



24

NAME	Su24 Fencer	TACTICAL BOMBER
WEP	R-60/73	RANGE _{WEP} 5/25NM
V _{MAX}	MACH 1.08	V _{SEA} MACH 1.35
G _{LIM}	5.9	THREAT LOW
NOTES		★



25

NAME	Mig25 Foxbat	INTERCEPTOR
WEP	R-60/73	RANGE _{WEP} 5/8NM
V _{MAX}	MACH 2.83	V _{SEA} MACH 1.2
G _{LIM}	4.5	THREAT HIGH
NOTES		★



29

NAME	Mig29 Fulcrum	TACTICAL FIGHTER
WEP	R-60/73/27	RANGE _{WEP} 5/8/38NM
V _{MAX}	MACH 2.3	V _{SEA} MACH 1.2
G _{LIM}	9	THREAT EXTREME
NOTES		★










AIRBORNE THREATS EAST

 <div>29</div>	NAME	Su27 Flanker	AIR SUP FIGHTER
	WPN	R-27/73	RANGE _{WEP} 38/8NM
	V _{MAX}	MACH 2.35	V _{SEA} MACH 1.14
	G _{LIM}	9	THREAT EXTREME
	NOTES		
 <div>29</div>	NAME	Su33 Flanker D	AIR SUP FIGHTER
	WPN	R-27/73	RANGE _{WEP} 38/8NM
	V _{MAX}	MACH 2.35	V _{SEA} MACH 1.14
	G _{LIM}	9	THREAT EXTREME
	NOTES		
 <div>30</div>	NAME	Su30 Flanker C	AIR SUP FIGHTER
	WPN	R-27/73	RANGE _{WEP} 38/8NM
	V _{MAX}	MACH 2.35	V _{SEA} MACH 1.14
	G _{LIM}	9	THREAT EXTREME
	NOTES		
 <div>39</div>	NAME	Su39 Frogfoot	GROUND ATTACK
	WEP	R-60/73	RANGE _{WEP} 5/8NM
	V _{MAX}	MACH 0.82	V _{SEA} MACH 0.77
	G _{LIM}	5.9	THREAT LOW
	NOTES		
 <div>31</div>	NAME	MiG31 Foxhound	INTERCEPTOR
	WEP	R-60/33	RANGE _{WEP} 5/53NM
	V _{MAX}	MACH 2.83	V _{SEA} MACH 1.2
	G _{LIM}	5	THREAT EXTREME
	NOTES		
 <div>34</div>	NAME	Su34 Fullback	TACTICAL BOMBER
	WEP	AIM-23/73/77	RANGE _{WEP} 25/25/50NM
	V _{MAX}	MACH 1.8	V _{SEA} MACH 1.14
	G _{LIM}	7	THREAT MID
	NOTES		
 <div>50</div>	NAME	A50 Mainstay	AWACS
	WEP		RANGE _{WEP}
	V _{MAX}	MACH 0.77	V _{SEA} MACH 0.77
	G _{LIM}	2.5	THREAT LOW
	NOTES		



AIRBORNE THREATS EAST

 <div>76</div>	NAME	IL76 Candid		TRANSPORT	
	WPN			RANGE _{WEP}	
	V _{MAX}	MACH 0.77		V _{SEA}	MACH 0.77
	G _{LIM}	2.5		THREAT	N/A
	NOTES			★	
 <div>78</div>	NAME	IL78 Midas		TANKER	
	WEP			RANGE _{WEP}	
	V _{MAX}	MACH 0.77		V _{SEA}	MACH 0.77
	G _{LIM}	2.5		THREAT	N/A
	NOTES			★	
 <div>95</div>	NAME	Tu95 Bear		STRATEGIC BOMBER	
	WEP	TAIL GUN		RANGE _{WEP}	
	V _{MAX}	MACH 0.53		V _{SEA}	MACH 0.53
	G _{LIM}	2.5		THREAT	LOW
	NOTES			★	
 <div>AN</div>	NAME	An26 Curl		TRANSPORT	
	WEP			RANGE _{WEP}	
	V _{MAX}	MACH 0.55		V _{SEA}	MACH 0.55
	G _{LIM}	2.5		THREAT	N/A
	NOTES			★	
 <div>AN</div>	NAME	An30 Clank		TRANSPORT	
	WEP			RANGE _{WEP}	
	V _{MAX}	MACH 0.55		V _{SEA}	MACH 0.55
	G _{LIM}	2.5		THREAT	N/A
	NOTES			★	
 <div>TU</div>	NAME	Tu142 Bear		STRATEGIC BOMBER	
	WEP	TAIL GUN		RANGE _{WEP}	
	V _{MAX}	MACH 0.53		V _{SEA}	MACH 0.53
	G _{LIM}	2.5		THREAT	LOW
	NOTES			★	
 <div>BJ</div>	NAME	Tu160 Blackjack		STRATEGIC BOMBER	
	WPN			RANGE _{WEP}	
	V _{MAX}	MACH 2.05		V _{SEA}	MACH 1.06
	G _{LIM}	3.5		THREAT	N/A
	NOTES			★	



AIRBORNE THREATS EAST

	NAME	L39 Albatross	TRAINER/GND ATTACK	
	WPN	R-60	RANGE _{WEP}	5NM
	V _{MAX}	MACH 0.6	V _{SEA}	MACH 0.6
	G _{LIM}	8	THREAT	N/A
	NOTES			★
	NAME	Su25 Frogfoot	GROUND ATTACK	
	WEP	R-60/73	RANGE _{WEP}	5/8NM
	V _{MAX}	MACH 0.82	V _{SEA}	MACH 0.77
	G _{LIM}	5.9	THREAT	LOW
	NOTES			★
	NAME	MiG27 Flogger	GROUND ATTACK	
	WEP	R-60	RANGE _{WEP}	5NM
	V _{MAX}	MACH 1.7	V _{SEA}	MACH 1.2
	G _{LIM}	5.9	THREAT	LOW
	NOTES			★
	NAME	Su17 Fitter	GROUND ATTACK	
	WEP	R-60	RANGE _{WEP}	5NM
	V _{MAX}	MACH 1.7	V _{SEA}	MACH 1.1
	G _{LIM}	5.9	THREAT	LOW
	NOTES			★












AIRBORNE THREATS WEST

	NAME	AV8B Harrier	VTOL FIGHTER
	WPN	AIM9/120	RANGE_{WEP} 6/30NM
	V_{MAX}	MACH 0.9	V_{SEA} MACH
	G_{LIM}		THREAT HIGH
	NOTES		
	NAME	F-111 Aardvark	FIGHTER BOMBER
	WEP	AIM-9/7	RANGE_{WEP} 6/24NM
	V_{MAX}	MACH 2.5	V_{SEA} MACH 1.2
	G_{LIM}	5.8	THREAT MID
	NOTES		
	NAME	C-130 Hercules	TRANSPORT
	WEP		RANGE_{WEP}
	V_{MAX}	MACH 0.57	V_{SEA} MACH 0.57
	G_{LIM}	2.5	THREAT N/A
	NOTES		
	NAME	F-14 Tomcat	INTERCEPTOR
	WEP	AIM/9/7/54/120	RANGE_{WEP} 6/24/80/30NM
	V_{MAX}	MACH 2.34	V_{SEA} MACH 1.2
	G_{LIM}	6.5	THREAT EXTREME
	NOTES		
	NAME	F-15 EAGLE	AIR SUP FIGHTER
	WEP	AIM-9/7 /120	RANGE_{WEP} 6/24/30NM
	V_{MAX}	MACH 2.5	V_{SEA} MACH 1.2
	G_{LIM}	8	THREAT EXTREME
	NOTES		
	NAME	F-16 Viper	MULTI ROLE FIGHTER
	WEP	AIM-9/7 /120	RANGE_{WEP} 6/24/30NM
	V_{MAX}	MACH 2	V_{SEA} MACH 1.1
	G_{LIM}	8	THREAT EXTREME
	NOTES		
	NAME	C-17 Globemaster	STRATEGIC TPT
	WEP		RANGE_{WEP}
	V_{MAX}	MACH 0.56	V_{SEA} MACH 0.56
	G_{LIM}	2.5	THREAT N/A
	NOTES		































AIRBORNE THREATS WEST

	NAME	F/A-18 Hornet	MULTI ROLE FIGHTER	
	WEP	AIM-9/7 /120	RANGE _{WEP}	6/24/30NM
	V _{MAX}	MACH 1.8	V _{SEA}	MACH 1.1
	G _{LIM}	7	THREAT	EXTREME
	NOTES			
	NAME	AJS37 Viggen	MULTI ROLE FIGHTER	
	WEP	AIM-9/7 /120	RANGE _{WEP}	6/24/30NM
	V _{MAX}	MACH 2.1	V _{SEA}	MACH 0.93
	G _{LIM}	8	THREAT	EXTREME
	NOTES			
	NAME	B-52 Stratofortress	STRATEGIC BOMBER	
	WEP	TAIL GUN	RANGE _{WEP}	
	V _{MAX}	MACH 0.86	V _{SEA}	0.5
	G _{LIM}	2.5	THREAT	LOW
	NOTES			
	NAME	B-1 Lancer	STRATEGIC BOMBER	
	WEP		RANGE _{WEP}	
	V _{MAX}	MACH 1.68	V _{SEA}	MACH 1.08
	G _{LIM}	3.5	THREAT	LOW
	NOTES			
	NAME	E-2 Hawkeye	AWACS	
	WEP		RANGE _{WEP}	
	V _{MAX}	MACH 0.44	V _{SEA}	MACH 0.44
	G _{LIM}	2.5	THREAT	N/A
	NOTES			
	NAME	EA-6 Prowler	ELECTRONIC WARFARE	
	WEP		RANGE _{WEP}	
	V _{MAX}	MACH 0.62	V _{SEA}	MACH 0.62
	G _{LIM}	5	THREAT	N/A
	NOTES			
	NAME	F2 Tornado	MULTI ROLE FIGHTER	
	WEP	AIM-9/7	RANGE _{WEP}	6/24NM
	V _{MAX}	MACH 2.2	V _{SEA}	MACH 1.2
	G _{LIM}	7.5	THREAT	EXTREME
	NOTES			



AIRBORNE THREATS WEST

	<table><tr><th>NAME</th><th>F-4E Phantom II</th><th>MULTI ROLE FIGHTER</th></tr><tr><td>WEP</td><td>AIM-9/7</td><td>RANGE_{WEP} 6/24NM</td></tr><tr><td>V_{MAX}</td><td>MACH 2.17</td><td>V_{SEA} MACH 1.09</td></tr><tr><td>G_{LIM}</td><td>5.9</td><td>THREAT HIGH</td></tr><tr><td>NOTES</td><td colspan="2"></td></tr></table>	NAME	F-4E Phantom II	MULTI ROLE FIGHTER	WEP	AIM-9/7	RANGE _{WEP} 6/24NM	V _{MAX}	MACH 2.17	V _{SEA} MACH 1.09	G _{LIM}	5.9	THREAT HIGH	NOTES		
NAME	F-4E Phantom II	MULTI ROLE FIGHTER														
WEP	AIM-9/7	RANGE _{WEP} 6/24NM														
V _{MAX}	MACH 2.17	V _{SEA} MACH 1.09														
G _{LIM}	5.9	THREAT HIGH														
NOTES																
	<table><tr><th>NAME</th><th>F-5E Freedom</th><th>MULTI ROLE FIGHTER</th></tr><tr><td>WEP</td><td>AIM-9/7</td><td>RANGE_{WEP} 6/24NM</td></tr><tr><td>V_{MAX}</td><td>MACH 1.6</td><td>V_{SEA} MACH 1.1</td></tr><tr><td>G_{LIM}</td><td>7.5</td><td>THREAT MED</td></tr><tr><td>NOTES</td><td colspan="2"></td></tr></table>	NAME	F-5E Freedom	MULTI ROLE FIGHTER	WEP	AIM-9/7	RANGE _{WEP} 6/24NM	V _{MAX}	MACH 1.6	V _{SEA} MACH 1.1	G _{LIM}	7.5	THREAT MED	NOTES		
NAME	F-5E Freedom	MULTI ROLE FIGHTER														
WEP	AIM-9/7	RANGE _{WEP} 6/24NM														
V _{MAX}	MACH 1.6	V _{SEA} MACH 1.1														
G _{LIM}	7.5	THREAT MED														
NOTES																
	<table><tr><th>NAME</th><th>KC-130</th><th>TANKER</th></tr><tr><td>WEP</td><td></td><td>RANGE_{WEP}</td></tr><tr><td>V_{MAX}</td><td>MACH 0.57</td><td>V_{SEA} MACH 0.57</td></tr><tr><td>G_{LIM}</td><td>2.5</td><td>THREAT N/A</td></tr><tr><td>NOTES</td><td colspan="2"></td></tr></table>	NAME	KC-130	TANKER	WEP		RANGE _{WEP}	V _{MAX}	MACH 0.57	V _{SEA} MACH 0.57	G _{LIM}	2.5	THREAT N/A	NOTES		
NAME	KC-130	TANKER														
WEP		RANGE _{WEP}														
V _{MAX}	MACH 0.57	V _{SEA} MACH 0.57														
G _{LIM}	2.5	THREAT N/A														
NOTES																
	<table><tr><th>NAME</th><th>KC-135</th><th>TANKER</th></tr><tr><td>WEP</td><td></td><td>RANGE_{WEP}</td></tr><tr><td>V_{MAX}</td><td>MACH 0.75</td><td>V_{SEA}</td></tr><tr><td>G_{LIM}</td><td>2.5</td><td>THREAT N/A</td></tr><tr><td>NOTES</td><td colspan="2"></td></tr></table>	NAME	KC-135	TANKER	WEP		RANGE _{WEP}	V _{MAX}	MACH 0.75	V _{SEA}	G _{LIM}	2.5	THREAT N/A	NOTES		
NAME	KC-135	TANKER														
WEP		RANGE _{WEP}														
V _{MAX}	MACH 0.75	V _{SEA}														
G _{LIM}	2.5	THREAT N/A														
NOTES																
	<table><tr><th>NAME</th><th>KC-135MPRS</th><th>TANKER</th></tr><tr><td>WEP</td><td></td><td>RANGE_{WEP}</td></tr><tr><td>V_{MAX}</td><td>MACH 0.75</td><td>V_{SEA}</td></tr><tr><td>G_{LIM}</td><td>2.5</td><td>THREAT N/A</td></tr><tr><td>NOTES</td><td colspan="2"></td></tr></table>	NAME	KC-135MPRS	TANKER	WEP		RANGE _{WEP}	V _{MAX}	MACH 0.75	V _{SEA}	G _{LIM}	2.5	THREAT N/A	NOTES		
NAME	KC-135MPRS	TANKER														
WEP		RANGE _{WEP}														
V _{MAX}	MACH 0.75	V _{SEA}														
G _{LIM}	2.5	THREAT N/A														
NOTES																
	<table><tr><th>NAME</th><th>M-2000C Mirage</th><th>MULTI ROLE FIGHTER</th></tr><tr><td>WEP</td><td>AIM-9/7</td><td>RANGE_{WEP} 6/24NM</td></tr><tr><td>V_{MAX}</td><td>MACH 2.2</td><td>V_{SEA} MACH 1.2</td></tr><tr><td>G_{LIM}</td><td>9</td><td>THREAT HIGH</td></tr><tr><td>NOTES</td><td colspan="2"></td></tr></table>	NAME	M-2000C Mirage	MULTI ROLE FIGHTER	WEP	AIM-9/7	RANGE _{WEP} 6/24NM	V _{MAX}	MACH 2.2	V _{SEA} MACH 1.2	G _{LIM}	9	THREAT HIGH	NOTES		
NAME	M-2000C Mirage	MULTI ROLE FIGHTER														
WEP	AIM-9/7	RANGE _{WEP} 6/24NM														
V _{MAX}	MACH 2.2	V _{SEA} MACH 1.2														
G _{LIM}	9	THREAT HIGH														
NOTES																
	<table><tr><th>NAME</th><th>S-3B VIKING</th><th>TANKER</th></tr><tr><td>WEP</td><td></td><td>RANGE_{WEP}</td></tr><tr><td>V_{MAX}</td><td>MACH 0.68</td><td>V_{SEA} MACH 0.68</td></tr><tr><td>G_{LIM}</td><td>2.5</td><td>THREAT N/A</td></tr><tr><td>NOTES</td><td colspan="2"></td></tr></table>	NAME	S-3B VIKING	TANKER	WEP		RANGE _{WEP}	V _{MAX}	MACH 0.68	V _{SEA} MACH 0.68	G _{LIM}	2.5	THREAT N/A	NOTES		
NAME	S-3B VIKING	TANKER														
WEP		RANGE _{WEP}														
V _{MAX}	MACH 0.68	V _{SEA} MACH 0.68														
G _{LIM}	2.5	THREAT N/A														
NOTES																



AIRBORNE THREATS WEST



NAME	A-4C-E Skyhawk			MULTI ROLE FIGHTER
WEP	AIM-9	RANGE _{WEP}	6NM	
V _{MAX}	MACH 1.01	V _{SEA}	MACH 1.01	
G _{LIM}	8	THREAT	MED	
NOTES				



NAME	A-10 WARTHOG			GROUND ATTACK
WEP	AIM-9	RANGE _{WEP}	6NM	
V _{MAX}	MACH 0.75	V _{SEA}	MACH 0.75	
G _{LIM}	5.9	THREAT	MED	
NOTES				



NAME	F-117			STEALTH BOMBER
WEP	BOMBS	RANGE _{WEP}	N/A	
V _{MAX}	MACH 1.08	V _{SEA}	MACH 1.08	
G _{LIM}	4.5	THREAT	EXTREME	
NOTES				



NAME	F-86F			1st GEN FIGHTER
WEP	GAR-8	RANGE _{WEP}	9.7NM	
V _{MAX}	MACH 1.01	V _{SEA}	MACH 0.89	
G _{LIM}	7	THREAT	LOW	
NOTES				



NAME	C-101 Aviojet			TRAINER
WEP	A-36 Shafrir	RANGE _{WEP}	12NM	
V _{MAX}	MACH 0.65	V _{SEA}	MACH 0.62	
G _{LIM}	7.5	THREAT	LOW	
NOTES				



NAME	T-45 Goshawk			TRAINER
WEP		RANGE _{WEP}		
V _{MAX}	MACH 0.84	V _{SEA}	MACH 0.80	
G _{LIM}	7.33	THREAT	LOW	
NOTES				



NAME	MB-339			TRAINER
WEP	AIM-9	RANGE _{WEP}	6NM	
V _{MAX}	MACH 0.82	V _{SEA}	MACH 0.72	
G _{LIM}	8	THREAT	LOW	
NOTES				



AIRBORNE THREATS WEST





NAME	ALPHAJET	TRAINER	
WEP	AIM-9/R-550	RANGE _{WEP}	6/8NM
V _{MAX}	MACH 0.85	V _{SEA}	MACH 0.8.
G _{LIM}	12	THREAT	LOW
NOTES			




AIRBORNE THREATS CHINA




NAME	JF-17 Thunder	MULTI ROLE FIGHTER	
WPN	PL-8/9/12	RANGE _{WEP}	10/11/62NM
V _{MAX}	MACH 1.6	V _{SEA}	MACH 1.02
G _{LIM}	8	THREAT	HIGH
NOTES			 



NAME	KJ-2000	AWACS	
WPN		RANGE _{WEP}	
V _{MAX}	MACH 0.68	V _{SEA}	MACH 0.68
G _{LIM}	2.5	THREAT	N/A
NOTES			



NAME	J-11 Flanker L	AIR SUP FIGHTER	
WPN	PL-8/9/12	RANGE _{WEP}	10/11/62NM
V _{MAX}	MACH 2.35	V _{SEA}	MACH 1.14
G _{LIM}	9	THREAT	EXTREME
NOTES			



ROTARY THREATS EAST

	NAME	Ka27 Helix	ANTI-SUB WARFARE	
	V _{MAX}	150Knts	V _{CRUISE}	111Knts
	RANGE	610NM	THREAT	LOW
	NOTES	★		
	NAME	Ka50 Hokum	CLOSE SUPPORT	
	V _{MAX}	170Knts	V _{CRUISE}	150Knts
	RANGE	294NM	THREAT	HIGH
	NOTES	★		
	NAME	Mi24 Hind	CLOSE SUPPORT	
	V _{MAX}	181Knts	V _{CRUISE}	150Knts
	RANGE	240NM	THREAT	HIGH
	NOTES	★		
	NAME	Mi26 Halo	TRANSPORT	
	V _{MAX}	159Knts	V _{CRUISE}	138Knts
	RANGE	430NM	THREAT	N/A
	NOTES	★		
	NAME	Mi28 Havok	CLOSE SUPPORT	
	V _{MAX}	170Knts	V _{CRUISE}	150Knts
	RANGE	230NM	THREAT	HIGH
	NOTES	★		
	NAME	Mi8 Hip	MULTI-ROLE	
	V _{MAX}	159Knts	V _{CRUISE}	138Knts
	RANGE	430NM	THREAT	MOD
	NOTES	★		




ROTARY THREATS WEST

	NAME	AH1 Cobra	CLOSE SUPPORT	
	V _{MAX}	149Knts	V _{CRUISE}	
	RANGE	310NM	THREAT	HIGH
	NOTES			
	NAME	AH64 Apache	CLOSE SUPPORT	
	V _{MAX}	158Knts	V _{CRUISE}	143Knts
	RANGE	257NM	THREAT	HIGH
	NOTES			
	NAME	CH47 Chinook	Transport	
	V _{MAX}	170Knts	V _{CRUISE}	160Knts
	RANGE	400NM	THREAT	N/A
	NOTES			
	NAME	CH53 Stallion	TRANSPORT	
	V _{MAX}	150Knts	V _{CRUISE}	120Knts
	RANGE	240NM	THREAT	N/A
	NOTES			
	NAME	OH58 KIOWA	CLOSE SUPPORT	
	V _{MAX}	120Knts	V _{CRUISE}	110Knts
	RANGE	161NM	THREAT	HIGH
	NOTES			
	NAME	UH60 Blackhawk	MULTI-ROLE	
	V _{MAX}	159Knts	V _{CRUISE}	150Knts
	RANGE	320NM	THREAT	LOW
	NOTES			
	NAME	UH1 Huey	MULTI-ROLE	
	V _{MAX}	117Knts	V _{CRUISE}	119Knts
	RANGE	315NM	THREAT	LOW
	NOTES			
	NAME	SA342 Gazelle	CLOSE SUPPORT	
	V _{MAX}	170Knts	V _{CRUISE}	143Knts
	RANGE	224NM	THREAT	HIGH
	NOTES			



ROTARY THREATS WEST



NAME	AH6 Littlebird	CLOSE SUPPORT
V _{MAX}	152Knts	V _{CRUISE} 135Knts
RANGE	232NM	THREAT LOW
NOTES		



NAME	SH60 Seahawk	MULTI-ROLE
V _{MAX}	180Knts	V _{CRUISE} 146Knts
RANGE	450NM	THREAT LOW
NOTES		



SEA THREATS EAST



SW

ADMIRAL KUZNETSOV AIRCRAFT CARRIER



V_{MAX} 30Knts ARMAMENT

12 SSM Granit, 4x6 SAM Kynshal, 8 SAM Kashtan

6x6 30mm AK-630 gun

36 Su-33, 16 Ka-27



HN

PYOTR VELIKLY KIROV BATTLECRUISER



V_{MAX} 32Knts ARMAMENT

20 P-700 Granit 8 × 8 (64) 3K95 Kinzhal

1 twin AK-130 6 × Kashtan



T2

MOSKVACRUISER



V_{MAX} 32Knts ARMAMENT

16 SSM Bazalt 8x8 SAM Fort

2x2 SAM Osa 1x2 AK-130 gun 6x6-30mm

AK-630 gun 1 Ka-27 Helix



TP

NEUSTRASHIMYY FRIGATE



V_{MAX} 32Knts ARMAMENT

4x8 SAM Kynshal 6 533mm torpedoes

2 mortars RBU-6000 1 Ka-27 Helix 1 100mm

AK-100 2x6 30mm AK-630 12 A/S SAM Kashtan



TP

RETSKY KRIVAK FRIGATE



V_{MAX} 32Knts ARMAMENT

2x4 A/S Rastrub

2x2 SAM Osa

2x1 AK-100 gun



HP

GRISHA CORVETTE



V_{MAX} 32Knts ARMAMENT

1x2 SAM Osa

1x2 AK-176 gun

1x6-30mm AK-630 gun



PS

MOINIYA TARANTUL CORVETTE



V_{MAX} 44Knts ARMAMENT

2x2 SSM Mosquit 1x2 SAM Strela-3

1x2 AK-176 gun

2x6-30mm AK-630 gun



SEA THREATS CHINA



TYPE 052B DESTROYER



V_{MAX} 30Knts ARMAMENT:
16 YJ-83 ASM 48 SA-N-12 Grizzly SAM
Type 210 100 mm gun 2x Type 730 CIWS
6x torpedo tubes 1 Kamov Ka-27



TYPE 052C DESTROYER



V_{MAX} 29Knts ARMAMENT:
48 HHQ-9 SAM 8 YJ-62 anti-ship Cruise Missile
100 mm PJ-87 gun 2×30mm Type 730
6x torpedo tubes 1 Kamov Ka-28



TYPE 054A FRIGATE



V_{MAX} 27Knts ARMAMENT:
HQ-16 SAM, Yu-8 ASR Launcher 2×4 C-803
PJ26 76 mm gun 2× Type 730 30mm
CIWS 2×3 24mm 1 Kamov Ka-28



Type 071 AMPHIBIOUS TRANSPORT DOCK



V_{MAX} 25Knts ARMAMENT:
76 mm gun
4 × 18-tube Type 726-4 Launcher
4x 30mm CIWS 4 Kamov Ka-28



SEA THREATS WEST

SS



NIMITZ CLASS SUPERCARRIER



V_{MAX} 30Knts ARMAMENT:

3 SAM Mk 29 Sea Sparrow

4x6-20mm Vulcan Phalanx gun

20 F-14 36 F/A-18 4 EA-6B 4 E-2C 8 S-3A/B

49



OLIVER HAZARD PERRY FRIGATE



V_{MAX} 29Knts ARMAMENT:

2x4 SSM Harpoon, SAM Standard

1x76 OTO Melara gun

1x6-20mm Vulcan Phalanx gun 2x SH-60B

40



TARAWA ESSEX CARRIER



V_{MAX} 24Knts ARMAMENT:

Mark 49 RAM missile system

2x20mm Vulcan Phalanx gun

6 Harrier or up to 26 Helicopters

AE



TICONDEROGA CLASS



V_{MAX} 34Knts ARMAMENT:

Tomahawk 2x4 SSM Harpoon, SAM Standard

A/S ASROC, 2x127 FMC 5 gun,

2x6-20mm Vulcan Phalanx gun, 2 SH-60B

U



CENTAUR CLASS CARRIER



V_{MAX} 30Knts ARMAMENT:

3 × Mark 15 Phalanx CIWS

2 × GAM-B01 20 mm guns

12x Harrier 10x Sea King

AE



ARLEIGH BURKE CLASS



V_{MAX} 30+ Knts ARMAMENT:

RIM-116 SAM, Tomahawk

5" Mk45 Gun, Bushmaster

2x20mm Vulcan Phalanx gun

U



USS OAK HILL



V_{MAX} 25Knts ARMAMENT:

2x RIM-116 SAM

2x Bushmasters, 2x 50 CAL gun

2x20mm Vulcan Phalanx gun



SEA THREATS WEST



CHARLES DE GAULLE CLASS SUPERCARRIER



V_{MAX} 27Knts

ARMAMENT:

8 cell A-43 Aster SAM 2 × 6 cell Mistral SAM

8 × 20 mm cannons

30-40 Rafale M, 2 x Hawkeye, Helos



JUAN CARLOS LHD



V_{MAX} 21Knts

ARMAMENT:

4 × 20 mm guns

2 x BPDMS (FBNW), 1 x VLS (FBNW)

8 x Harrier, Helos



DISCLAIMER & ACKNOWLEDGEMENTS

- I am not a military pilot. I do not officially know what I'm talking about.
- All information here was found on the internet.
- It primarily reflects a Gen 4-4.5 fighter such as the Hornet or Viper.
- This is intended for sim use only, references to practical considerations such as helmet visor or seat straps have been omitted. So don't hit the canopy when inverted
- This document is intended to provide an airframe agnostic approach, If you don't have a system skip it.
- All photos from Google, if the photo is yours please contact me and I'll change it, I will slowly replace these.
- I include mods where they are stand alone or significant such as Aircraft Carriers and likely to show up in MP:
 - AlphaJet: <https://forums.eagle.ru/showthread.php?t=103799>
 - A-4E-C <https://forums.eagle.ru/showthread.php?t=242076>
 - AH-6J <https://forums.eagle.ru/showthread.php?t=267143>
 - MB-339 <https://forums.eagle.ru/showthread.php?t=244476>
 - T-45 <https://forums.eagle.ru/showthread.php?t=238291>
 - USS Oak Hill <https://forums.eagle.ru/showthread.php?t=280237>
 - Centaur Class HMS Hermes <https://forums.eagle.ru/showthread.php?t=209539>
 - Charles De Gaulle <https://forums.eagle.ru/showthread.php?t=257247>
 - Juan Carlos <https://forums.eagle.ru/showthread.php?t=272207>
- References:
 - *MULTI-COMMAND HANDBOOK 11-F16*
 - *CNATRA P-826 (06 - 18)*
 - *Korean AF BEM, Volume 5, 1 October 2005*



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