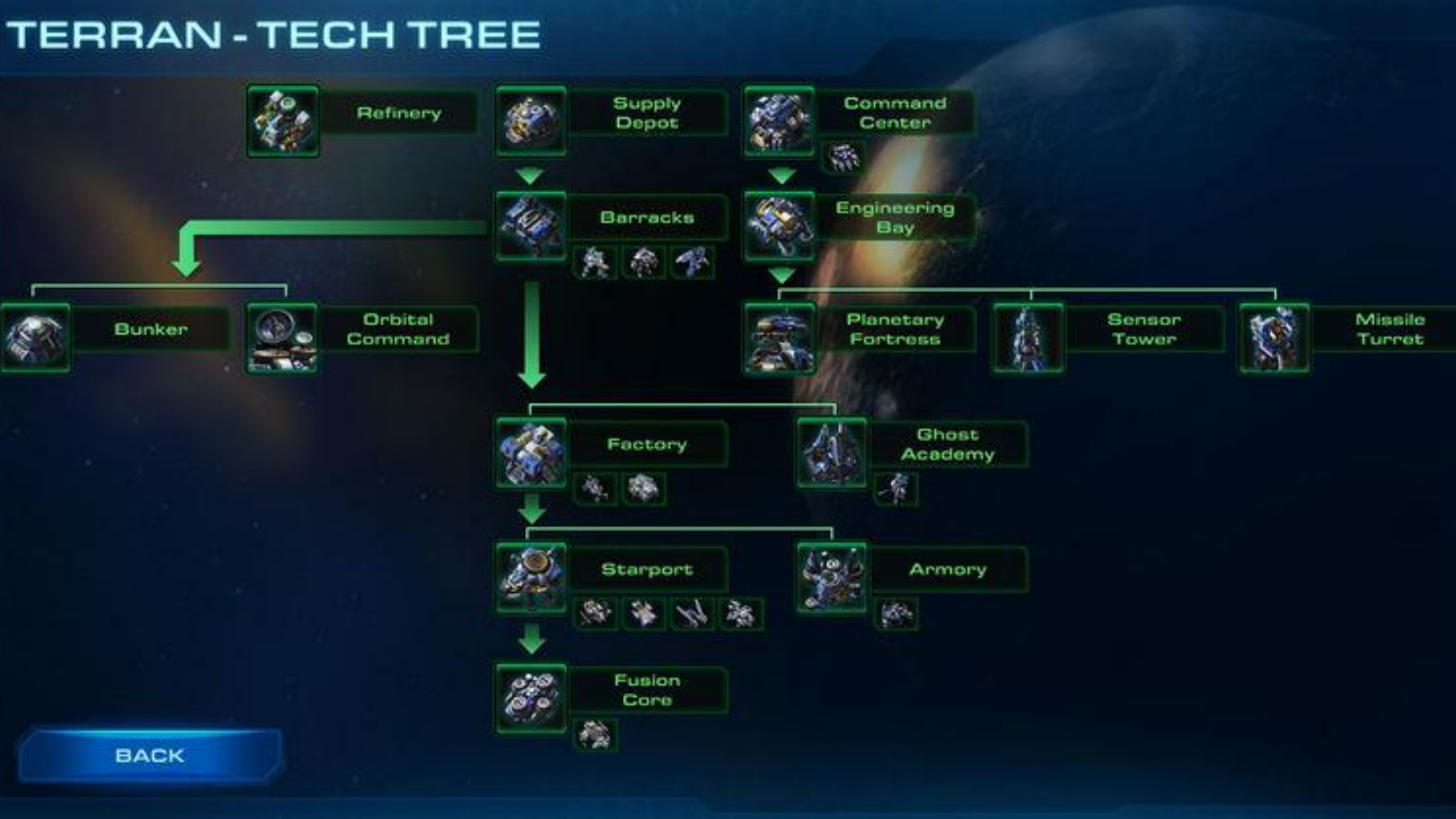
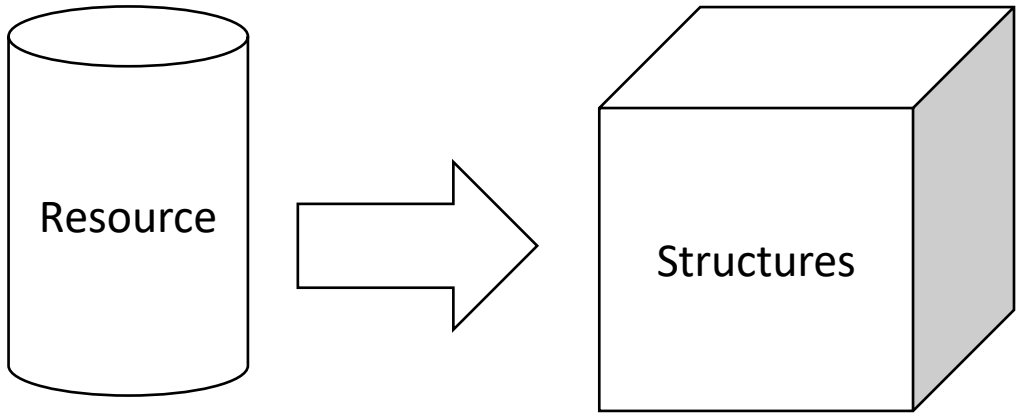
Analyze the Pacific War by StarCraft2

TERRAN - TECH TREE



Basic Production Mode in StarCraft2



Tech

Units

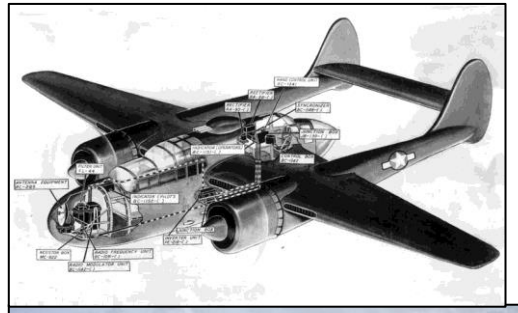
What if the mode works in the Pacific War?

Resource

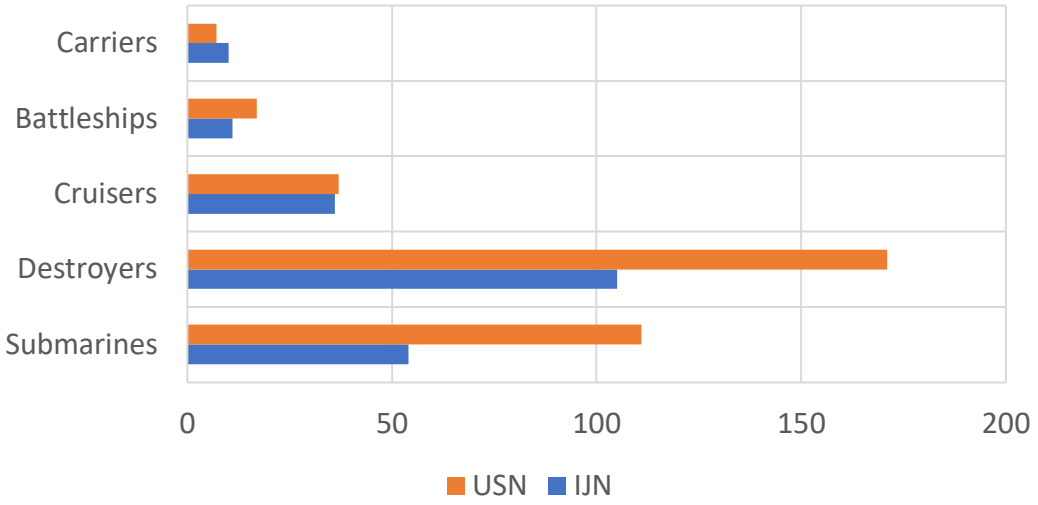
Structures

Tech

Units



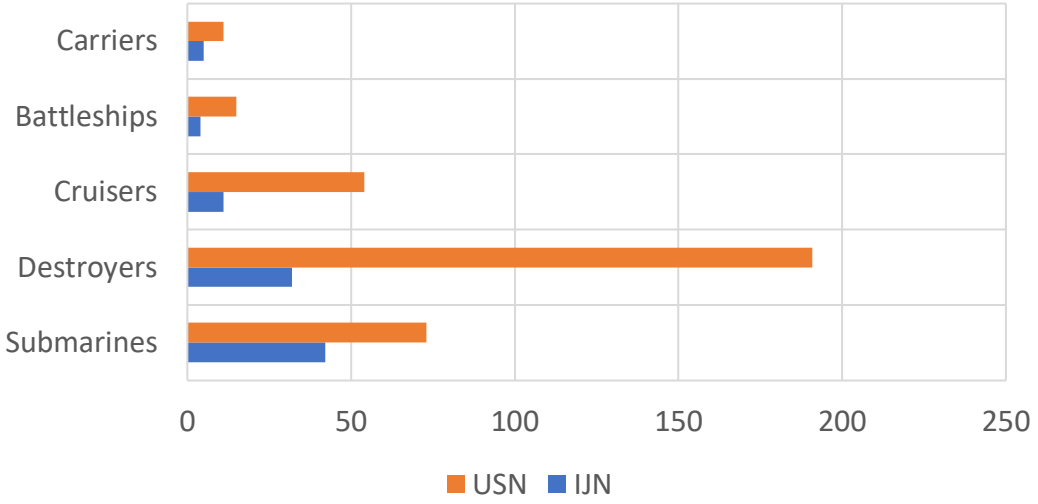
Strength comparison between USN and IJN (12.7.1941)



	A	B	C
1		IJN	USN
2	Submarines	54	111
3	Destroyers	105	171
4	Cruisers	36	37
5	Battleships	11	17
6	Carriers	10	7

USN : IJN ≈ 10 : 7

Production comparison between USN and IJN (12.7.1941)



	A	B	C
1		IJN	USN
2	Submarines	42	73
3	Destroyers	32	191
4	Cruisers	11	54
5	Battleships	4	15
6	Carriers	5	11

Essex class aircraft carriers

Battleships or Carriers?

·At Pearl Harbor, the USN lost 8 battleships out of 9, while at Midway Island, the IJN mainly lost carriers.

Attack on Pearl Harbor [edit]

Main article: Attack on Pearl Harbor

In the early hours of 7 December (Hawaiian time), Japan launched a major surprise carrier-based air strike on Pearl Harbor in Honolulu without explicit warning, which crippled the US Pacific Fleet, left eight American battleships out of action, destroyed 188 American aircraft, and caused the deaths of 2,403 Americans.[81] The Japanese had gambled that the United States, when faced with such a sudden and massive blow and loss of life, would agree to a negotiated settlement and allow Japan free rein in Asia. This gamble did not pay off. American losses were less serious than initially thought: the American aircraft carriers, which would prove to be more important than battleships, were at sea, and vital naval infrastructure (fuel oil tanks, shipyard facilities, and a power station), submarine base, and signals intelligence units were unscathed, and the fact the bombing happened while the US was not officially at war anywhere in the world[9] caused a wave of outrage across the United States.[81] Japan's fallback strategy, relying on a war of attrition to make the US come to terms, was beyond the IJN's capabilities.[77][82]

ARMY / PERIOD / TYPE	IJN		USN	
	Midway, in construction	New budget after the battle	Pearl Harbor, in construction	New budget after attack
Large CV	1 Taihō, 1 Shinano	+5 Taihō kai	11 Essex	+21 Essex
Medium CV	1 Unryu	+15 Unryu	0	0
CVL	0	+ Citose Kai/Chiyoda Kai	0	+9 Independence
BB	0	0	10	0

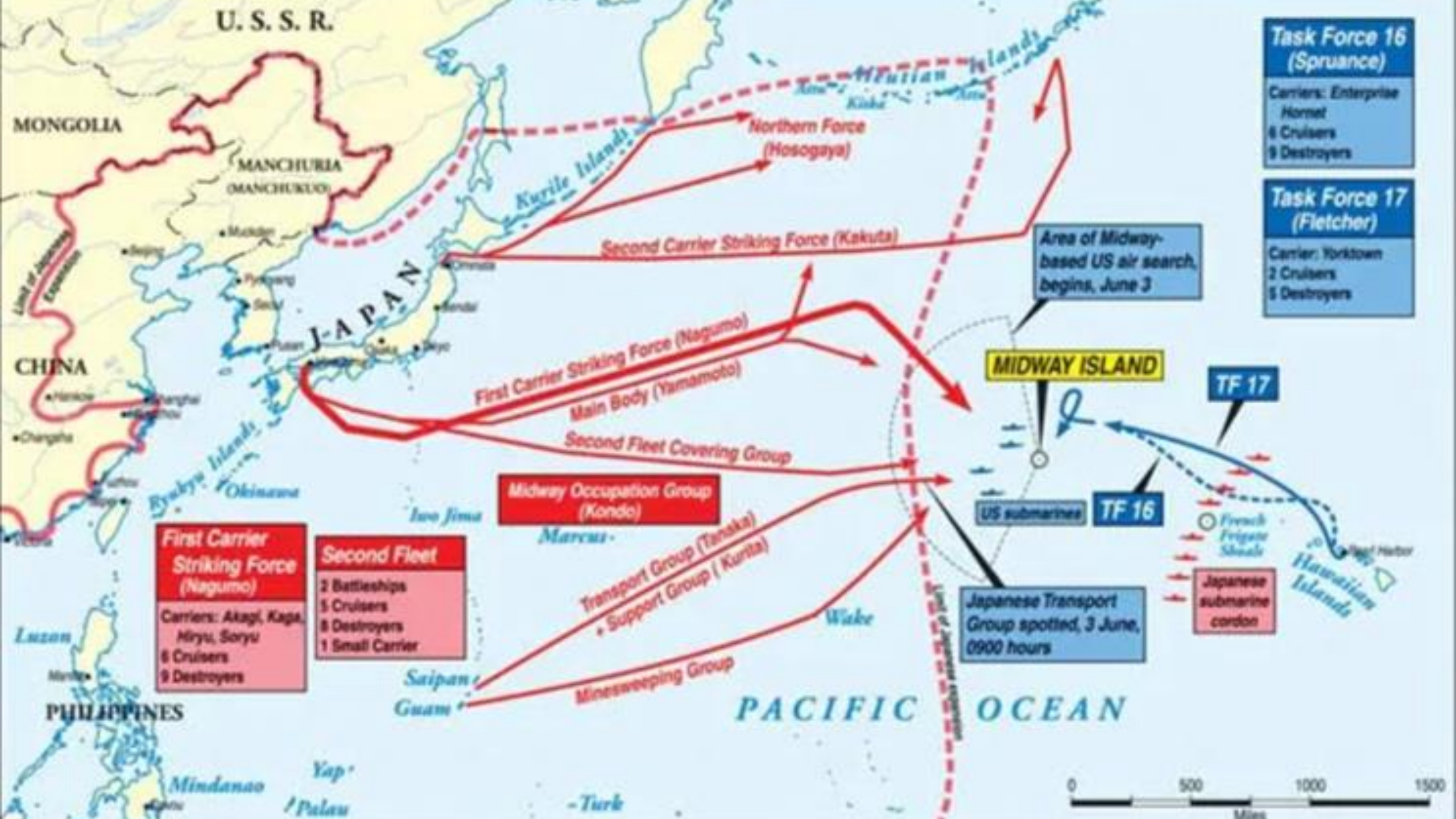
Q: Why carriers?

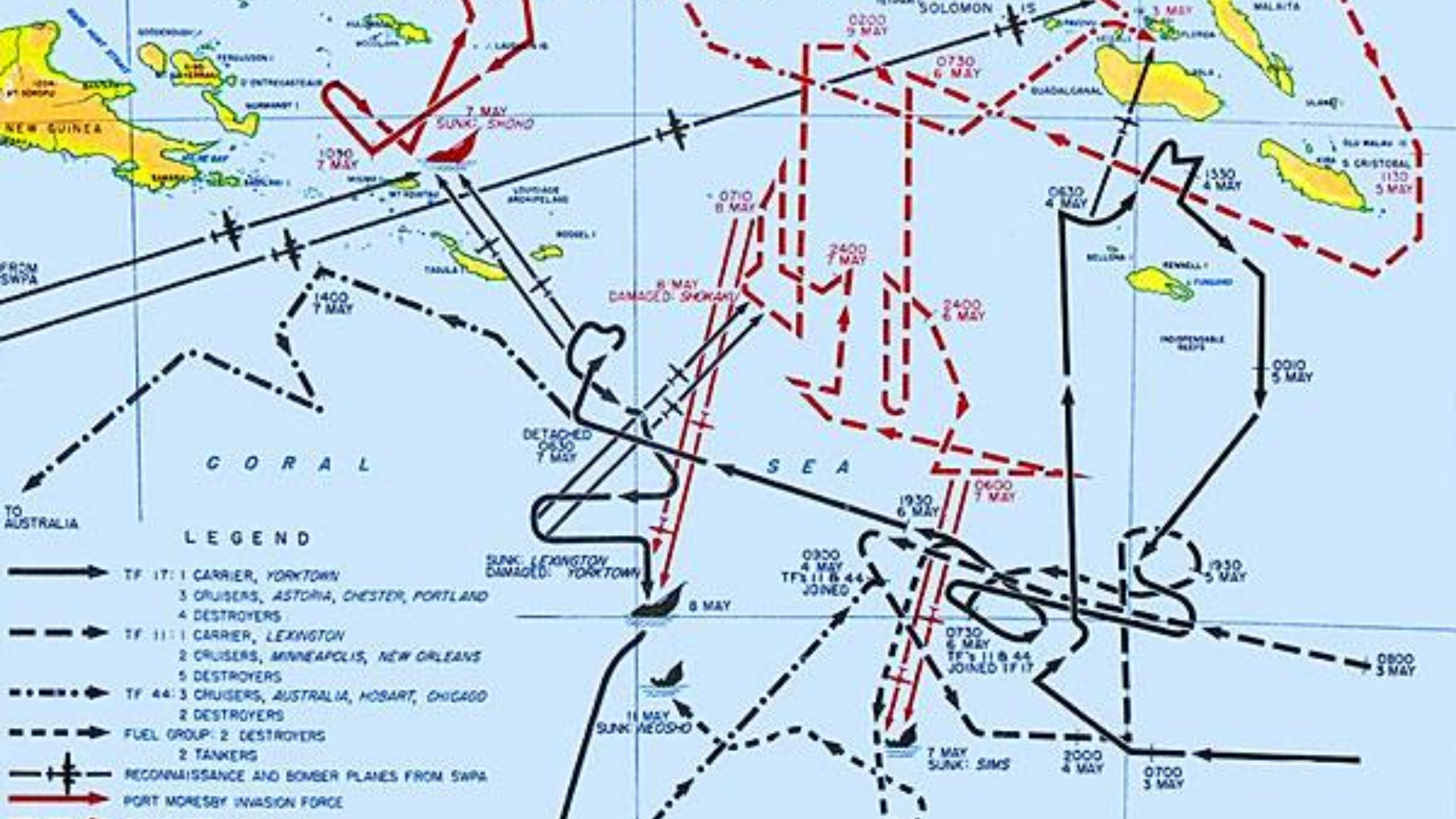
A: An empirical decision.

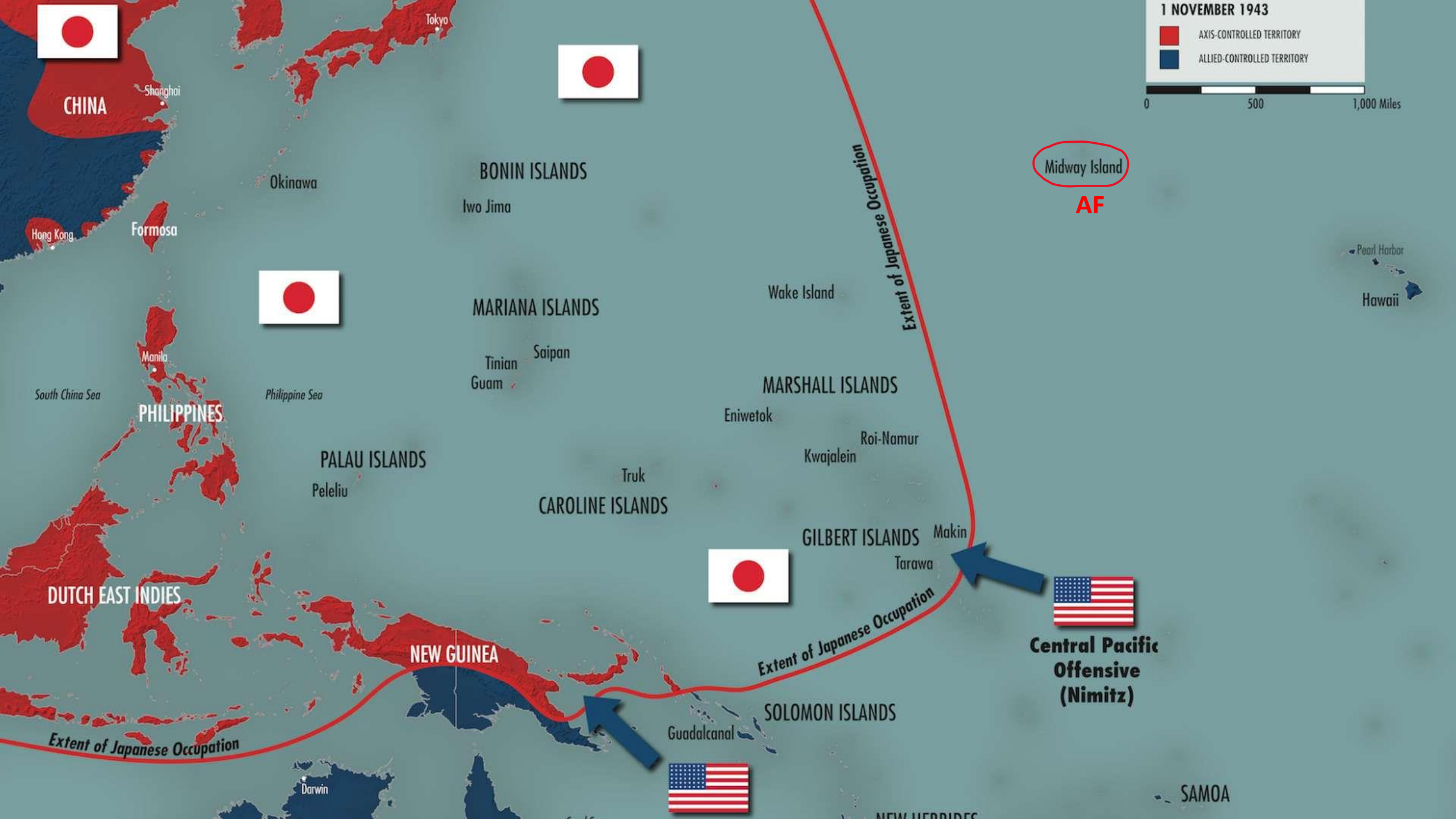
Test on StarCraft2

Tempests = Battleships; Vikings = Destroyers; Carriers = Carriers

Click here to play the video


U. S. S. R.
MONGOLIA
MANCHURIA
(MANCHUKUO)
CHINA
JAPAN
Aleutian Islands
Kurile Islands
Ryukyu Islands
Okinawa
Iwo Jima
Marcus
Wake
Saipan
Guam
Luzon
PHILIPPINES
Mindanao
Yap
Palau
PACIFIC OCEAN
Northern Force (Hosogaya)
Second Carrier Striking Force (Kakuta)
First Carrier Striking Force (Nagumo)
Main Body (Yamamoto)
Second Fleet Covering Group
Midway Occupation Group (Kondo)
Transport Group (Tanaka)
Support Group (Kurita)
Minesweeping Group
Area of Midway-based US air search, begins, June 3
MIDWAY ISLAND
TF 17
TF 16
US submarines
Japanese Transport Group spotted, 3 June, 0900 hours
Japanese submarine cordon
French Frigate Shoals
Pearl Harbor
Hawaiian Islands
Task Force 16 (Spruance)
Carriers: Enterprise
Hornet
6 Cruisers
9 Destroyers
Task Force 17 (Fletcher)
Carrier: Yorktown
2 Cruisers
5 Destroyers
First Carrier Striking Force (Nagumo)
Carriers: Akagi, Kaga, Hiryu, Soryu
6 Cruisers
9 Destroyers
Second Fleet
2 Battleships
5 Cruisers
8 Destroyers
1 Small Carrier
0
500
1000
1500
Miles


NEW GUINEA
SOLOMON IS
GUADALCANAL
CORAL SEA
TO AUSTRALIA
7 MAY SUNK: SHOHO
1030 7 MAY
1400 7 MAY
0710 8 MAY
2400 7 MAY
8 MAY DAMAGED: SHOKAKU
2400 6 MAY
0200 9 MAY
0730 6 MAY
0630 4 MAY
1330 4 MAY
1130 5 MAY
0010 5 MAY
DETACHED 0950 7 MAY
SUNK: LEXINGTON DAMAGED: YORKTOWN
8 MAY
0600 7 MAY
1930 6 MAY
0930 4 MAY TF's 11 & 44 JOINED
0730 6 MAY TF's 11 & 44 JOINED TF 17
1930 5 MAY
0800 5 MAY
11 MAY SUNK: KEOSHO
7 MAY SUNK: SIMS
2000 4 MAY
0700 5 MAY
LEGEND
TF 17: 1 CARRIER, YORKTOWN
3 CRUISERS, ASTORIA, CHESTER, PORTLAND
4 DESTROYERS
TF 11: 1 CARRIER, LEXINGTON
2 CRUISERS, MINNEAPOLIS, NEW ORLEANS
5 DESTROYERS
TF 44: 3 CRUISERS, AUSTRALIA, HOBART, CHICAGO
2 DESTROYERS
FUEL GROUP: 2 DESTROYERS
2 TANKERS
RECONNAISSANCE AND BOMBER PLANES FROM SWPA
PORT MORESBY INVASION FORCE


1 NOVEMBER 1943
AXIS-CONTROLLED TERRITORY
ALLIED-CONTROLLED TERRITORY
0
500
1,000 Miles
CHINA
Shanghai
Tokyo
Okinawa
BONIN ISLANDS
Iwo Jima
Hong Kong
Formosa
Midway Island
AF
Pearl Harbor
Hawaii
Wake Island
Extent of Japanese Occupation
MARIANA ISLANDS
Saipan
Tinian
Guam
Manila
South China Sea
Philippine Sea
PHILIPPINES
MARSHALL ISLANDS
Eniwetok
Roi-Namur
Kwajalein
PALAU ISLANDS
Peleliu
Truk
CAROLINE ISLANDS
GILBERT ISLANDS
Makin
Tarawa
DUTCH EAST INDIES
NEW GUINEA
Extent of Japanese Occupation
Central Pacific
Offensive
(Nimitz)
SOLOMON ISLANDS
Guadalcanal
Extent of Japanese Occupation
Darwin
SAMOA

The range of modern military weapons highly correlates the rate of victory in a war.

Aircrafts

Mig-29

Su-33

VTOL

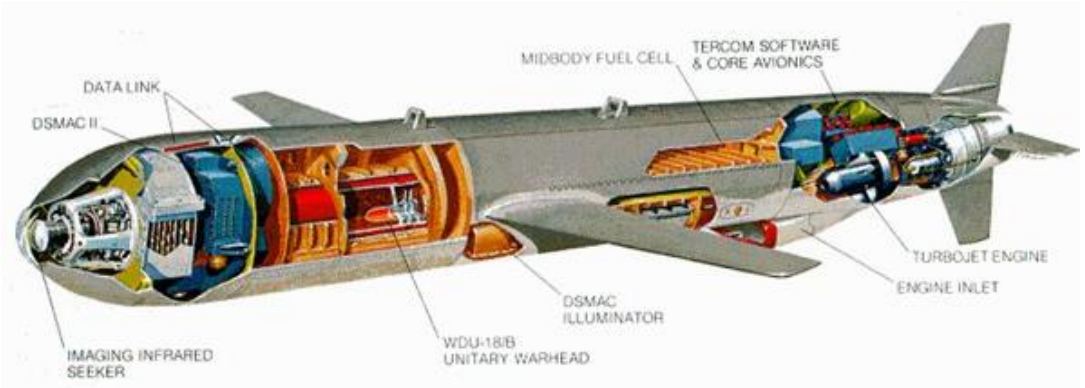
Yak-141

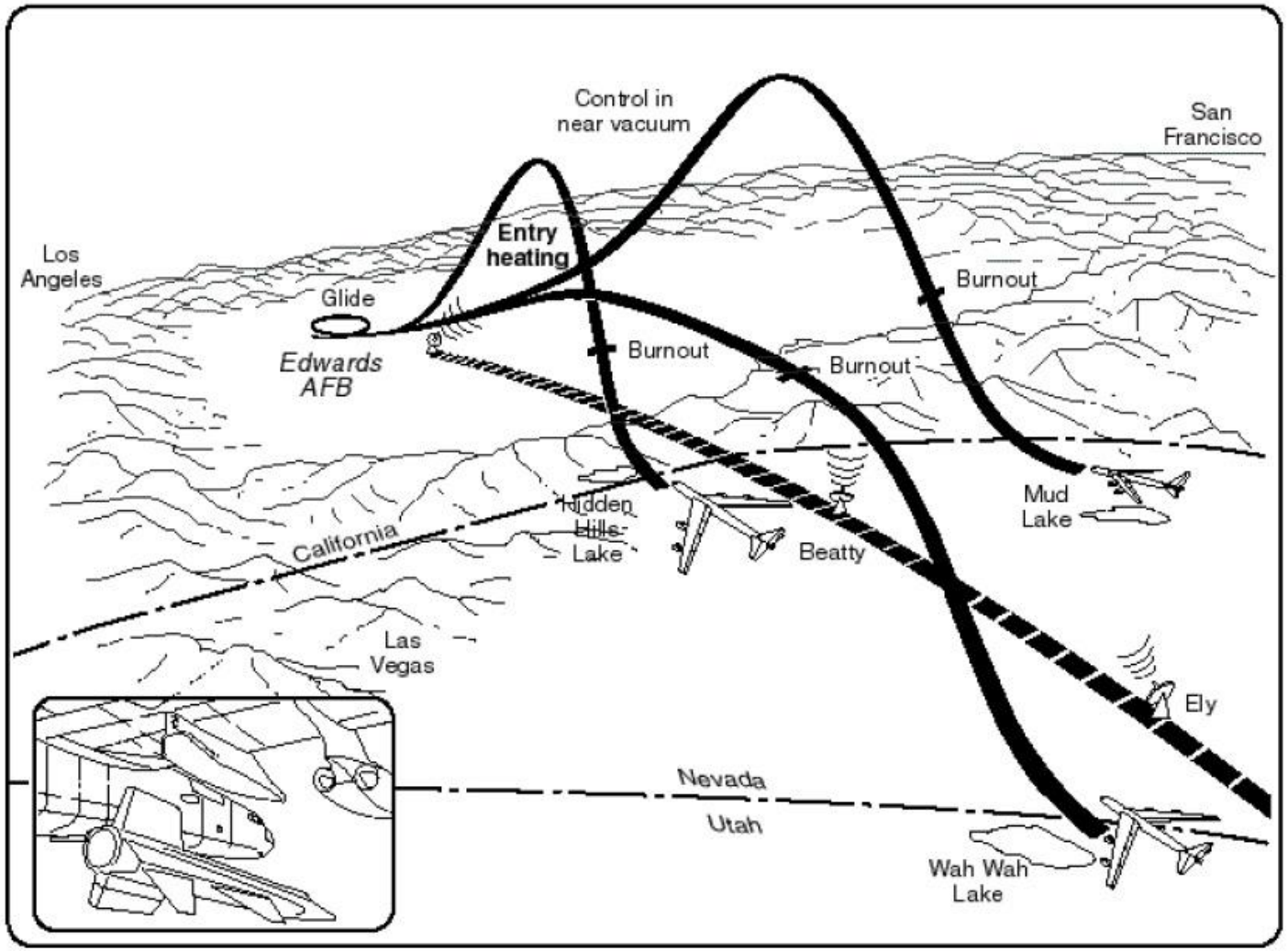
V-280 Valor

F-16

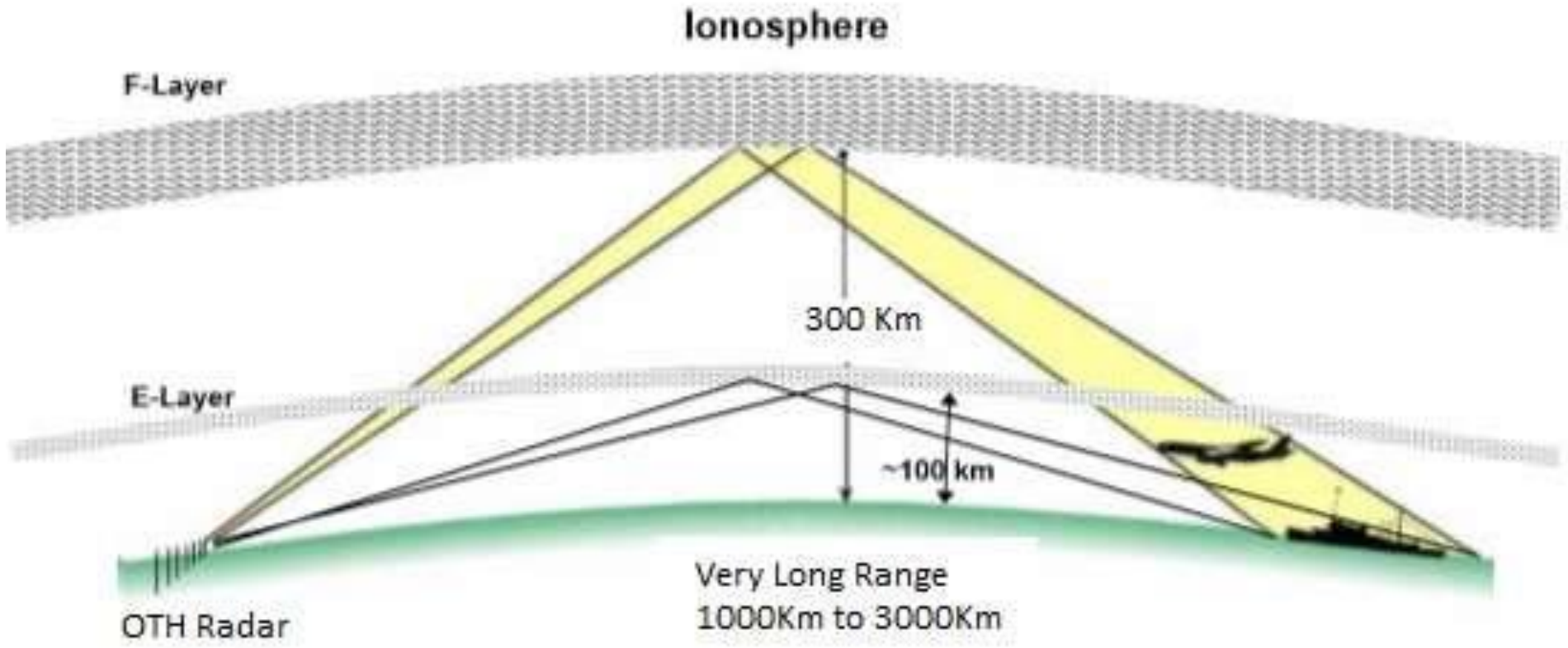
F-22

Cruise Missiles





Over The Horizon



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