Exploring WWII Relics of the Marshall Islands

Dave & Sherry McCampbell www.SVSoggypaws.com/Presentations

Update 6-3-15

Introduction

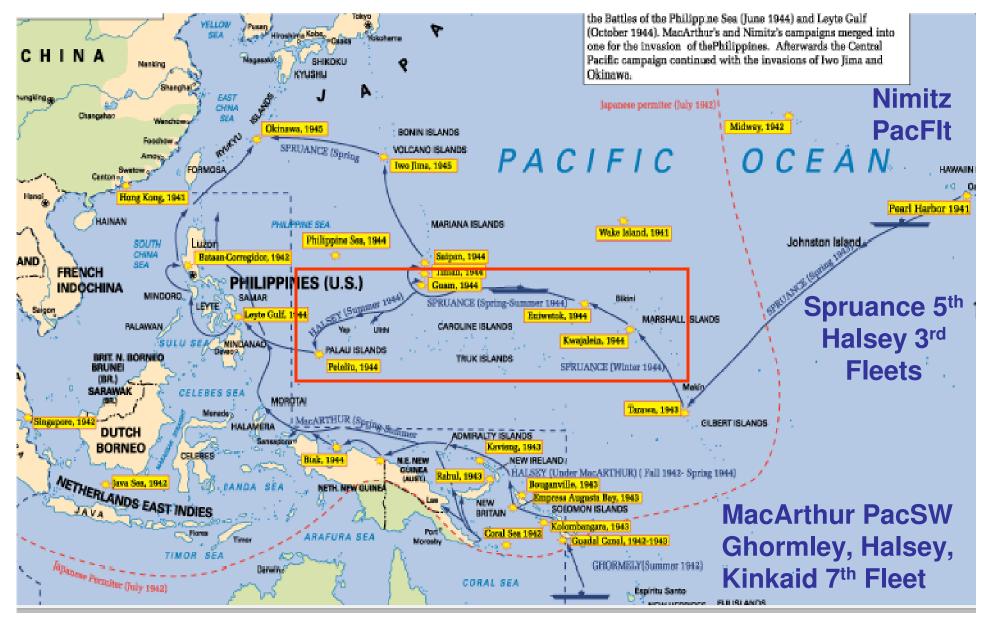
- Started w/ slow cruising circumnavigation.
- Fathers both career Naval aviators.
- Interest in Scuba diving, shipwrecks and aviation.
- More remote N rather than S Pacific route to PI.
- Start of Tom's book coincided w/ start of our trip N
- Our arrival in Majuro, RMI same date, 10 May, as Dave's Dad's arrival in Majuro 69 years earlier.
- Got better and better as we went along.
- Total of almost 2 years exploring S Micronesia, RMI, FSM to Palau.







World War II Pacific Theater 1941-45 Fleet Tracks/Major Assaults



2013-4 S/V Soggy Paws Trip

- Fiji thru Marshalls & FSM to Palau
- Places we stopped w/ WWII relics:
 - *FSM *RMI

 - = Kwaj/Roi
 - = Bikini
 - = Maloelap
 - = Mili
 - = Jaluit
 - *PALAU =Peleliu = Majuro = Pohnpei = Satawan/Mortlocks = Chuuk/Truk Lagoon ***TARAWA** = Puluwat/Alet = Woleai = Ulithi = Yap

Short Marshall Islands History

- Prehistory- Micronesian
- 1880s-1915 German
- 1915-1945 Japanese
 - Heavy infrastructure construction, fortification
- 1943/44 Major U.S.
 bombing campaign

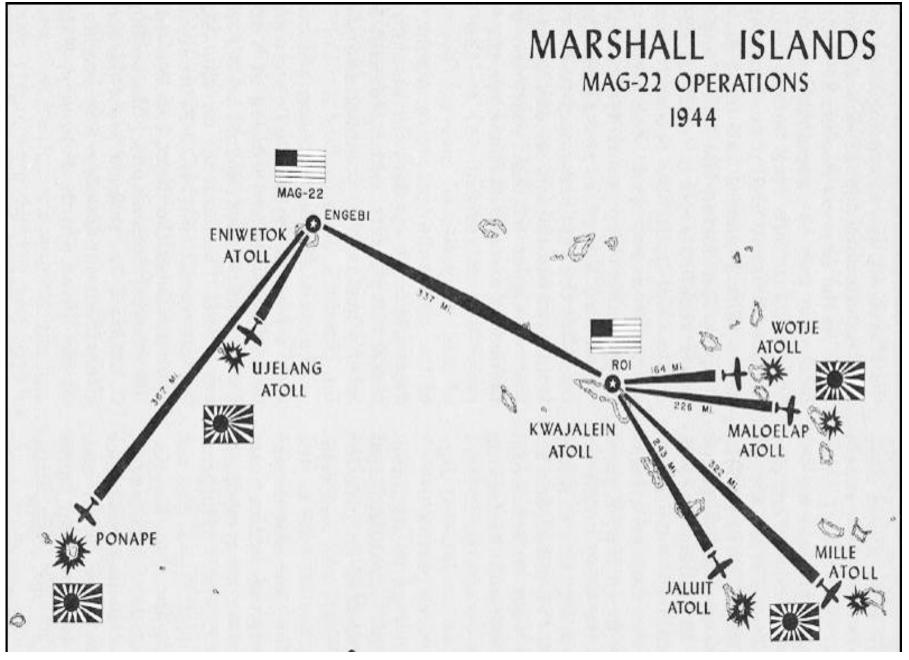
 Landings Kwaj, Majuro
- 1946-50 Nuclear
 - bomb testing
 - Bikini/Eniwetok Atolls
- 1945-1986 U.S. Trust Territory
- 1989 RMI Independence



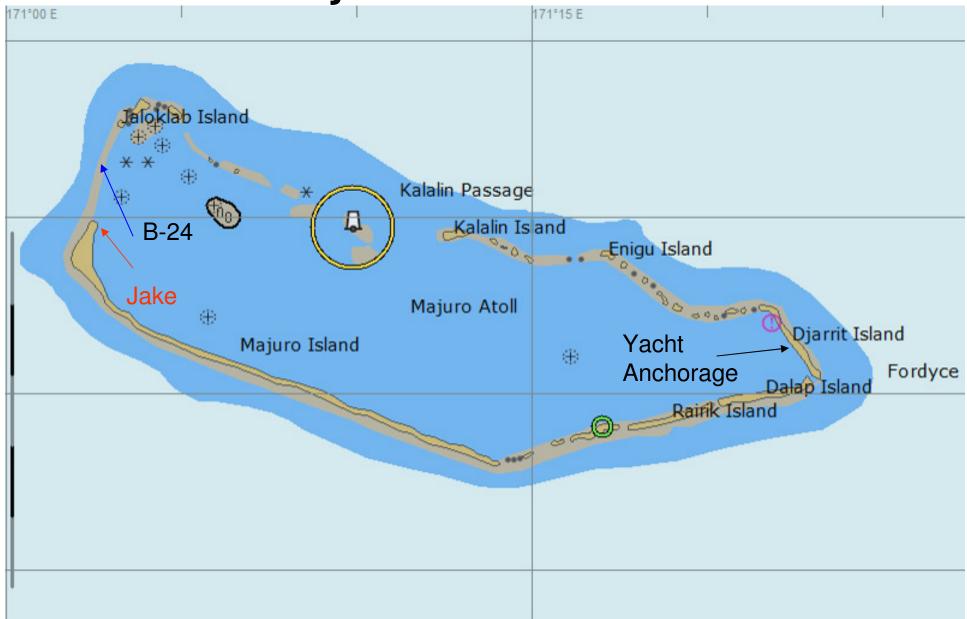
RMI Islands During WWII

- Majuro Atoll deserted before US landing
- Kwajalein Atoll US landings opposed on Roi/Kwaj in Jan/Feb 44, became US air base
- Maloelap Atoll Taroa Isl big Jap air base
- Mili Atoll Mili Isl big Jap air base
- Jaluit Atoll Navy headquarters, Emijay Island major Jap sea plane base
- Wotje Atoll major Jap sea plane base
- Bikini Atoll US nuclear testing after WWII

US Attacks on RMI/FSM 1944-45



Majuro Atoll Chart



Vehicle Parking Lot Coca Cola Heaven

Djarrit

Yacht Anchorage

PBM

F6F

Data SIO, NOAA, U.S. Navy, NGA, GEBCO Image © 2013 DigitalGlobe

© 2013 Google

East Majuro WWII Dive Sites

Google earth

Rairikku

B-24

E13A

Jake

Fifth Fleet Ships at Majuro Atoll May 44

7 CVs - 3 Independence, 4 Essex, Enterprise (RF), 3 BBs, etc (Dad aboard Essex CV-9)



WWII Aircraft Production 1941-44

- Japan 58,822Germany 92,656
- USSR 116,365
- Total Above Countries 267,843
- US

261,826

B-24 Liberator 'BabySandy II'



www.underwaterphotography.com/Dive-Sites/Dive-Site.aspx?ID=2826

Grumman F6F-5 Hellcat Fighter

1 pilot, 2000hp, 380mph, 1040mi, 38k', 2x20mm, 4x50cal, bombs, rockets, 12,275 ea

'Minsi III' McCampbell, Oct 1944

Onboard USS Essex CV-9 in the Pacific Nov 1944

AMC Chester OwensCdr David McCampbellCrew ChiefUS Navy's Leading Ace

Minsill

AG-15 in the Pacific Sep-Nov 44

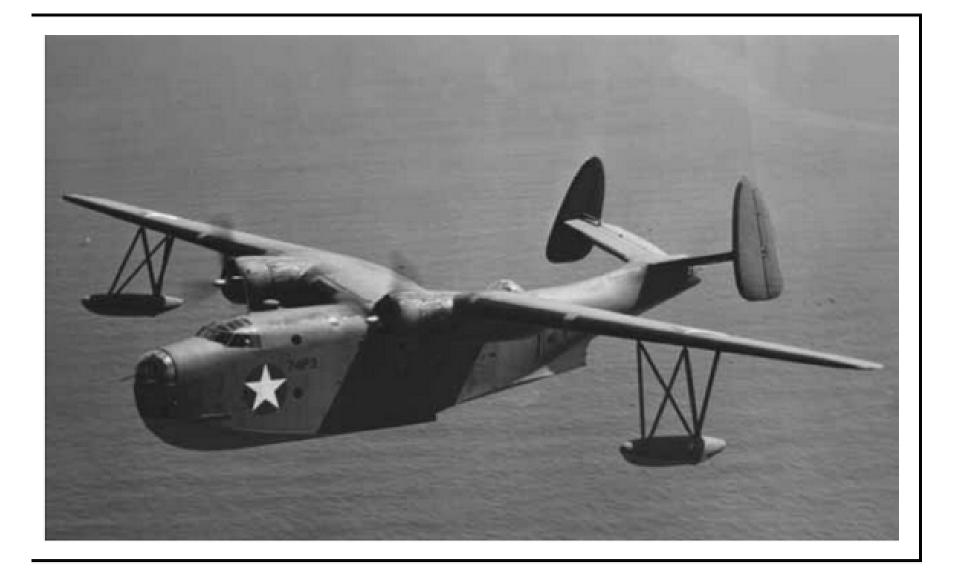
- Eniwetok reprovision
- Palaus strikes
- Mindanao strikes
- Viscayas strikes
- Leyte strikes
- Manila, Luzon strikes
- Ulithi (replenish)
- Okinawa strikes
- Formosa strikes
- Ulithi (replace aircraft)
- Leyte (landings support)
- NE Luzon (Ozawa fleet strikes)
- Philippines strikes (25% losses)
- Ulithi (departure for US)

3 Sep 44 6 Sep 9 Sep Mid Sep Mid Sep 21 Sep 28-9 Sep 1st wk Oct 10-5 Oct 17 Oct 18 Oct 24-5 Oct 5-14 Nov 19 Nov

Sherry on tail of nose-down F6F Hellcat At 90 feet

F6F Hellcat Cockpit Seat & Joystick

Martin PBM-5 Mariner Sea Plane



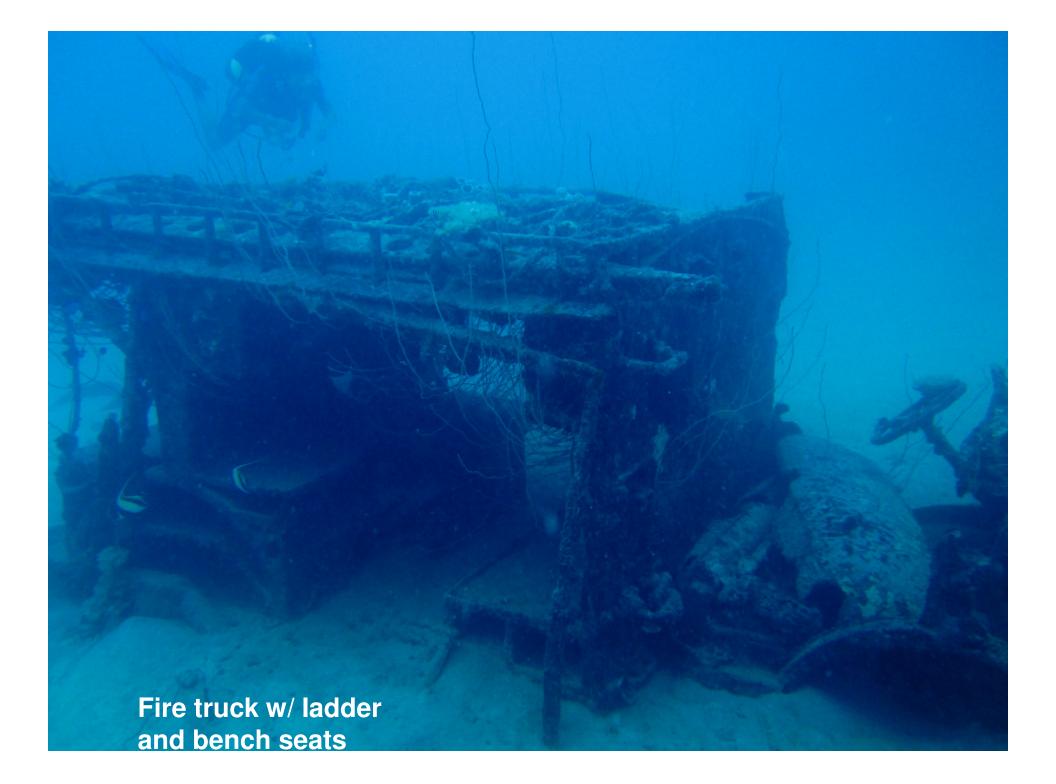
The "Parking Lot"

Lots of 1940s/WWII vehicles

Sherry and a fuel tank truck

Fuel truck front end and hose reel

Truck front end w/ intact radiator and headlights

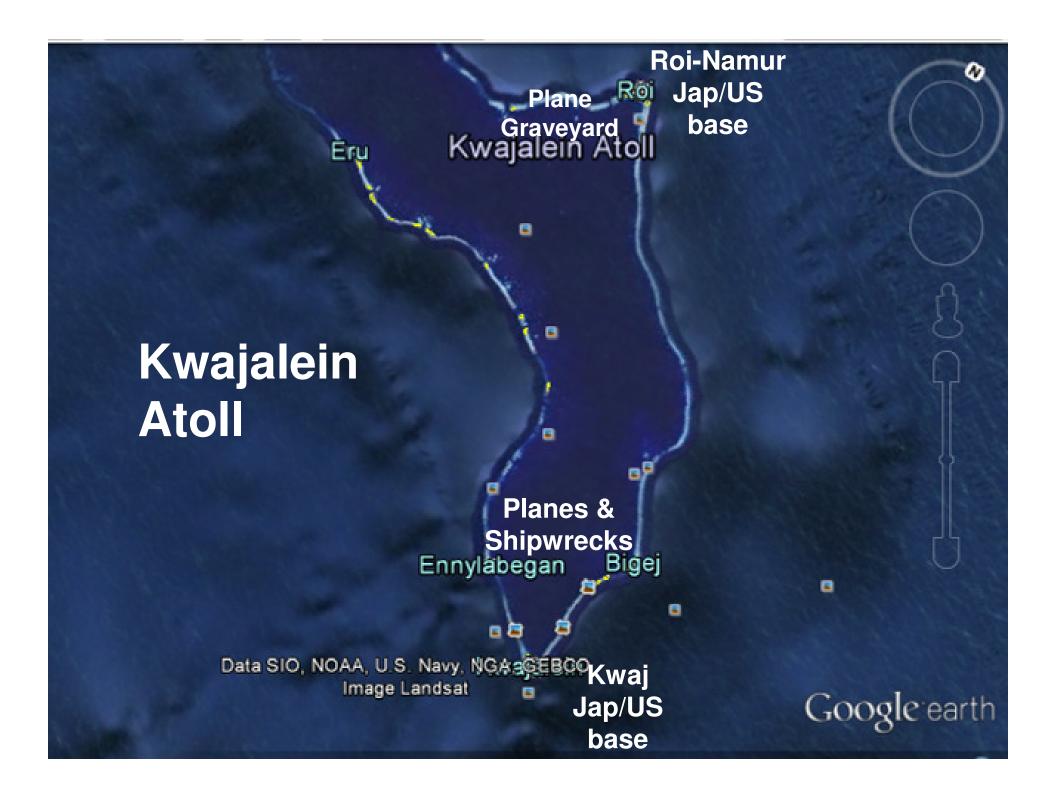


Coca Cola Heaven

Beer Bottle

> Hundreds of 1944-5 dated overseas Coke bottles

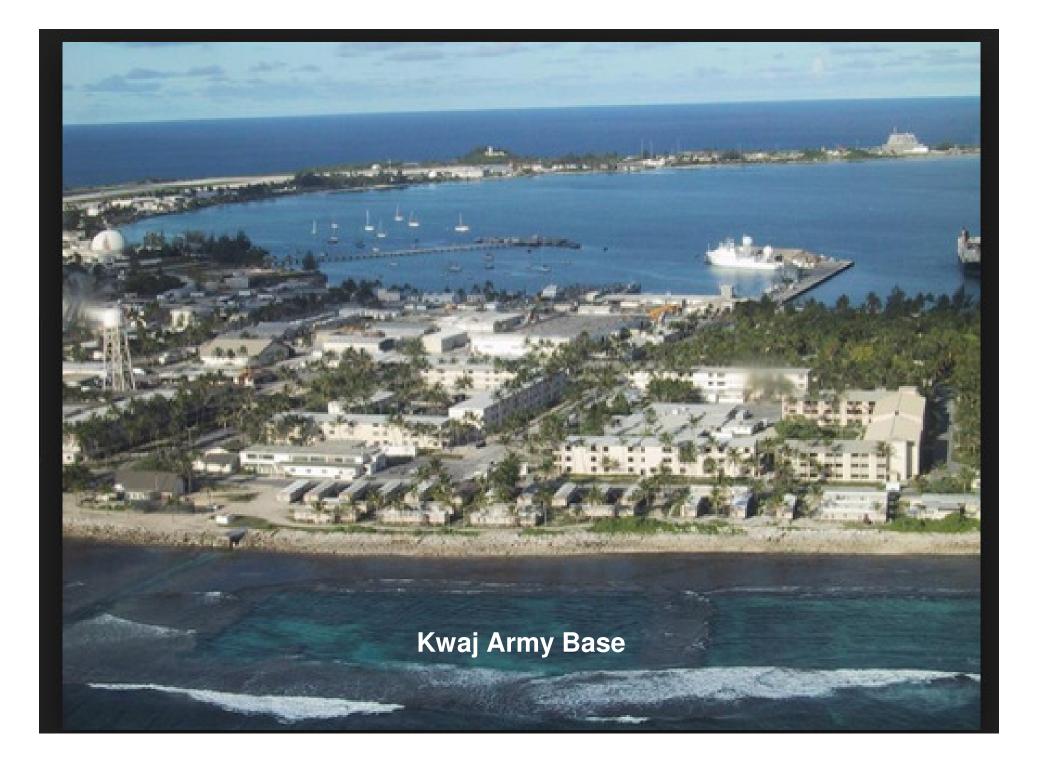
1940s Class 7 Singer sewing machine, USN ship standard issue



Kwajalein Atoll South End









Diving In Kwajalein

Asakazi Maru (Japanese)

AA gun on 424' Asakazi Maru, sunk 3 Dec 43

Asakazi Maru Deck Winch

Prinz Eugen

- Last German WWII cruiser 681'
- Survived Bikini nuclear tests
- Radioactive--towed to Kwajalein
- Sunk upside down Dec 1946
- Great dive site!



My, What Big Guns You Have!

8" guns

Prinz Eugen AA Guns

Aichi E13A Jake Reconnaissance Seaplane

3 crew, 1100hp, 234mph, 29k', 1300 mi, 1x20mm & 1x7.7mm guns, bombs, depth charges, 1418 ea

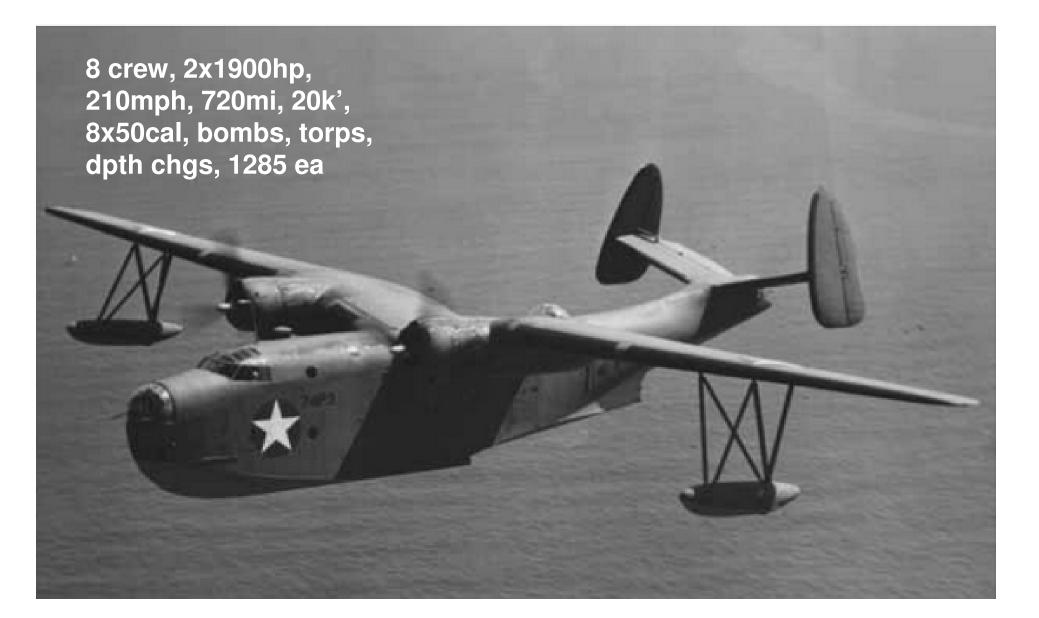
E-13





Jake cockpit looking forward

Martin PBM Mariner Sea Plane

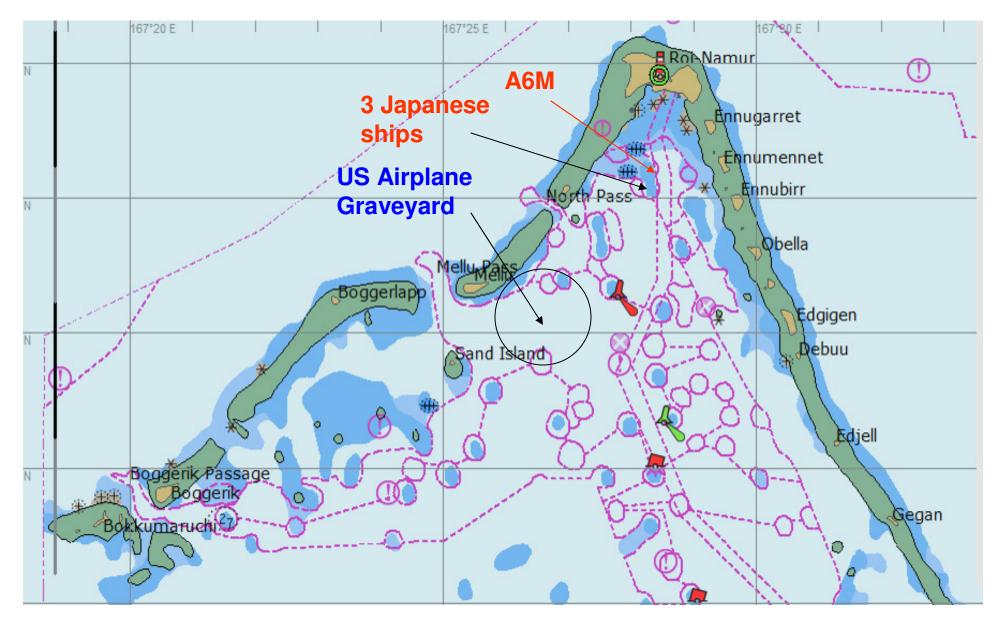


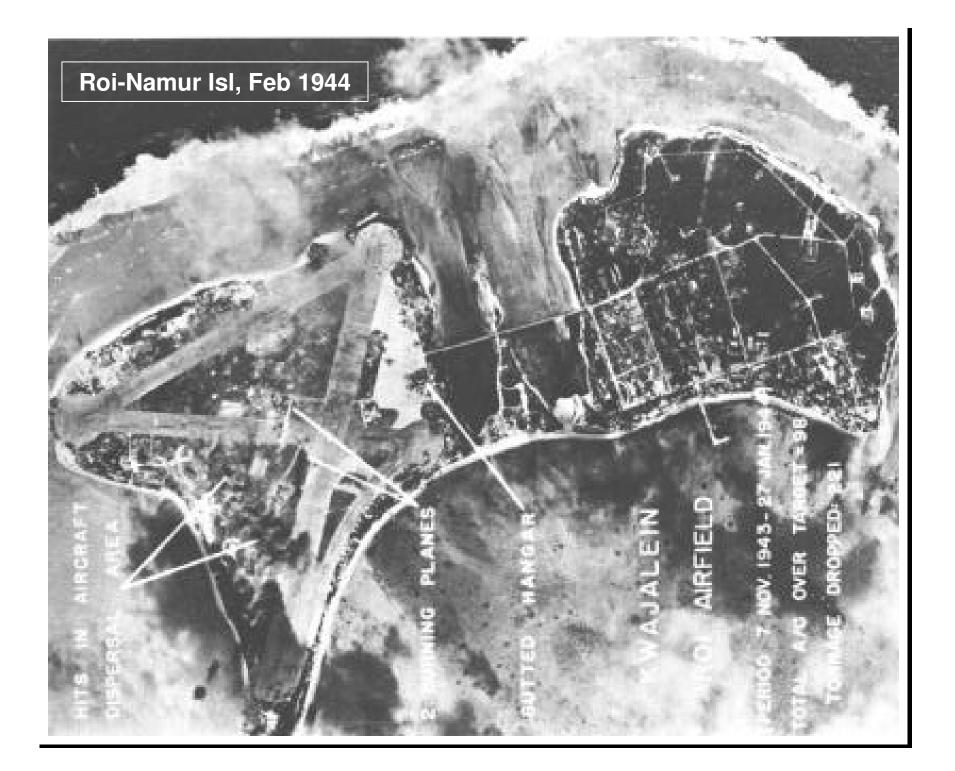
Martin PBM 5 at 100'

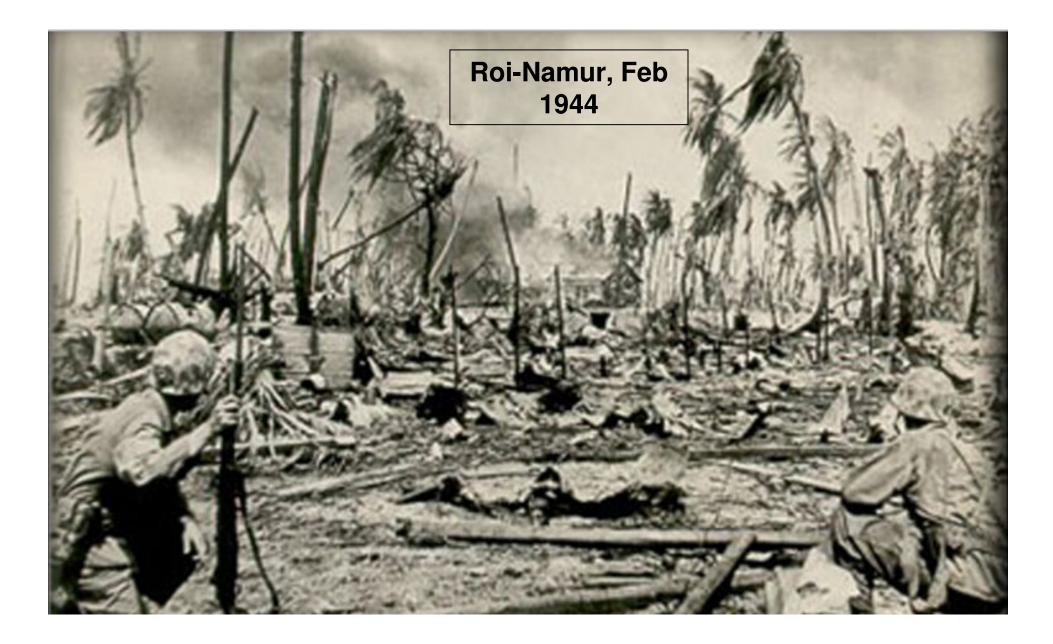


Dan Farnham over Martin PBM-5 nose & cockpit

N Kwajalein Atoll, Roi-Namur Island







Giant radar controlled from Huntsville, AL, affected our wind instrument, sees Bball at 1000 nm

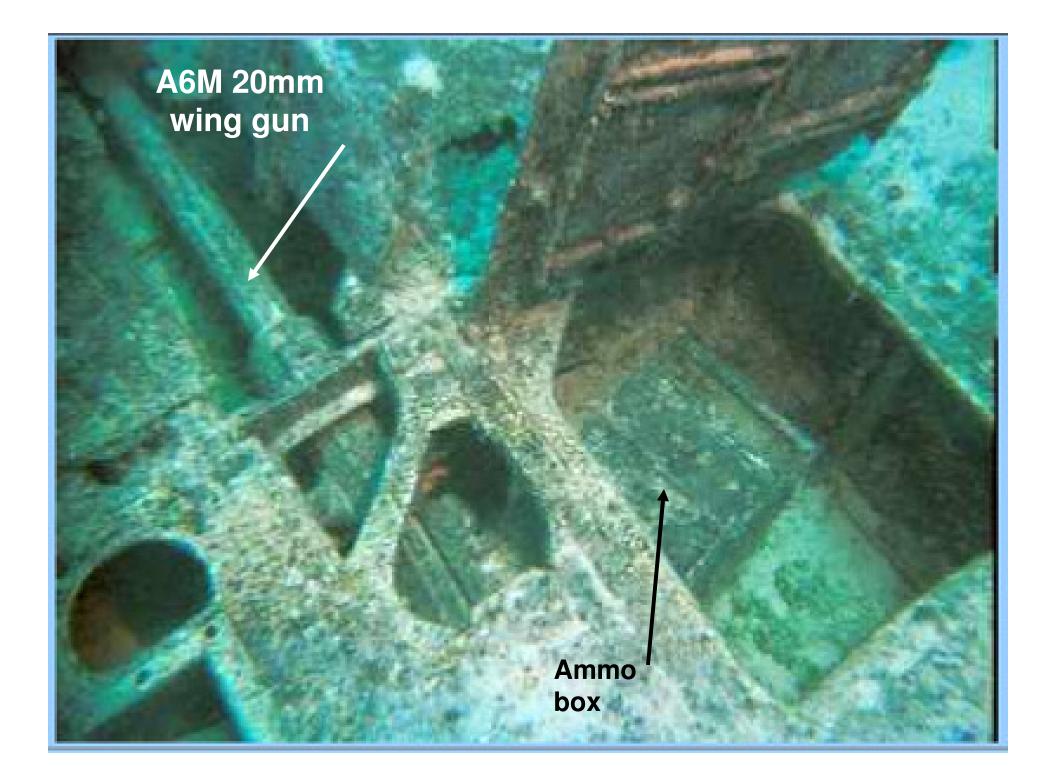
Diving the 'Unique' Airplane Graveyard

50+ excess planes from WWII on bottom everywhere at 100'!

Mitsubishi A6M Japanese Zero Fighter

One pilot, 1100hp, 350mph, 38k', 1200 nm, 2x20 mm, 2x7.7 mm guns, bombs, 10499 ea





Douglas SBD Dauntless Dive Bomber

2 crew, 1200hp, 255mph, 770mi, 24k', 2x50cal, 2x30cal, bombs, 5936 ea

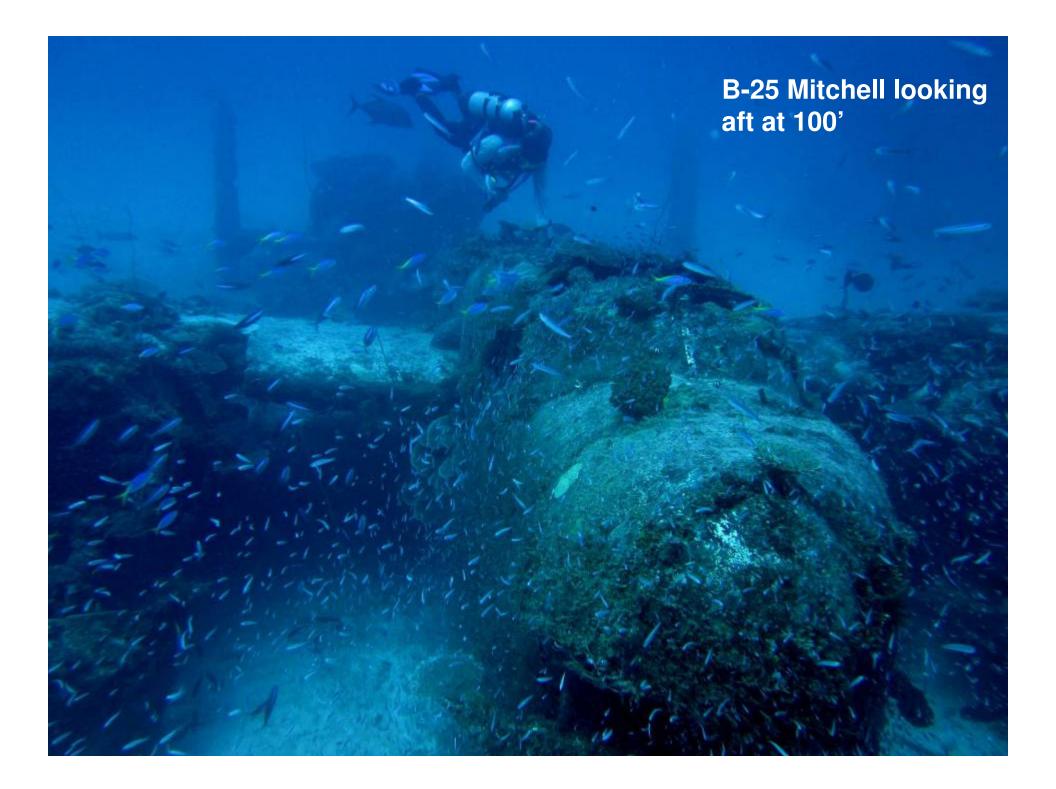


Sherry & 3 SBDs at 100'



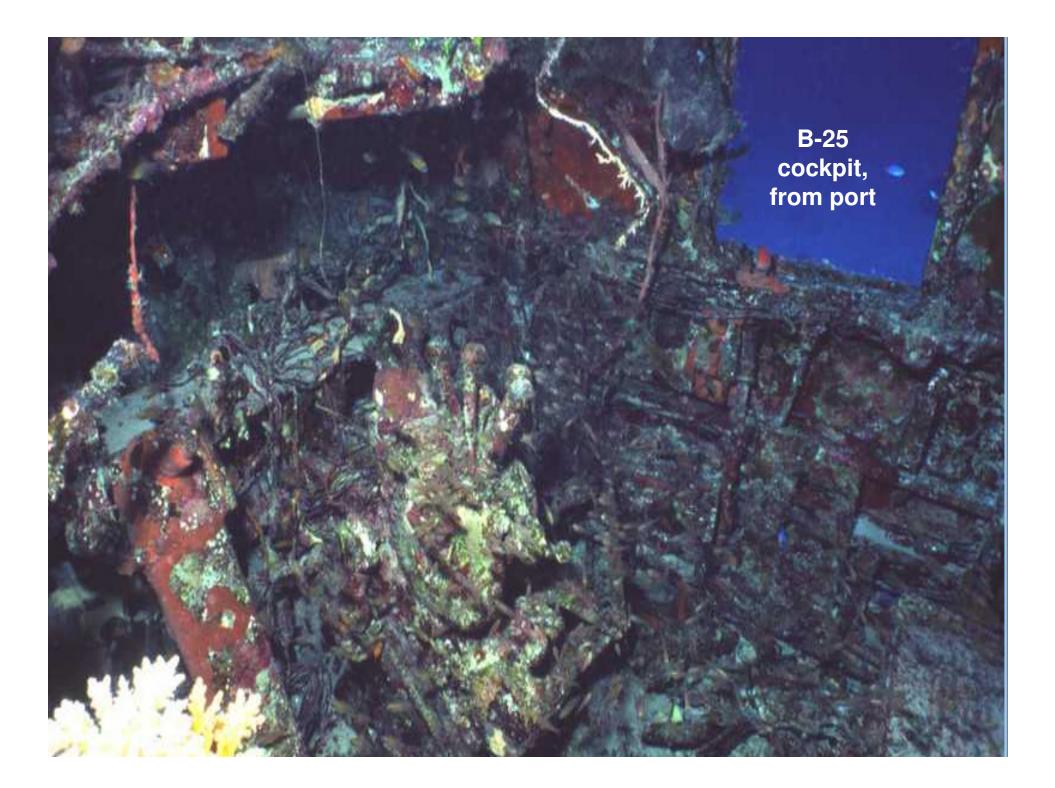
North American B-25 Mitchell Bomber

1942 Doolittle raid on Japan from USS Hornet 5 crew, 2x1700hp, 275mph, 1300mi, 24k', 1x75mm, 16x50cal, bombs, rockets, 9800 ea



B-25 Mitchell tail section at 100'

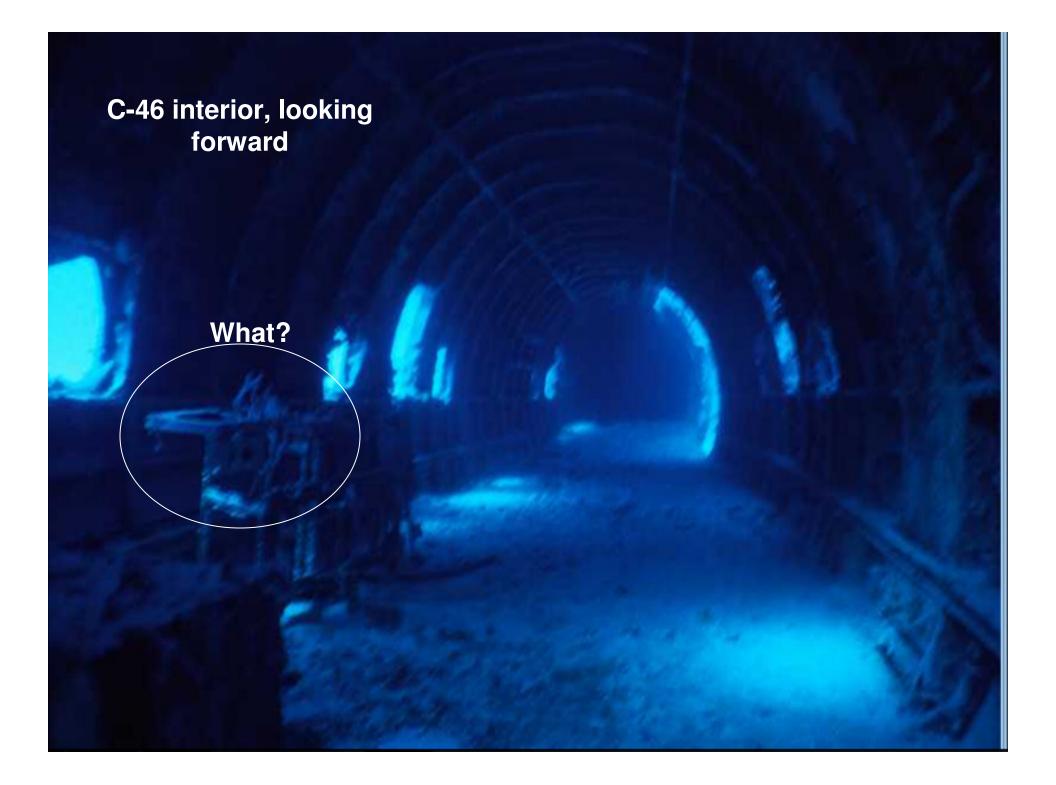
a ferrar



Consolidated C-46 Commando Cargo Plane



C-46 Commando in 100'



N Kwaj Japanese Shipwrecks

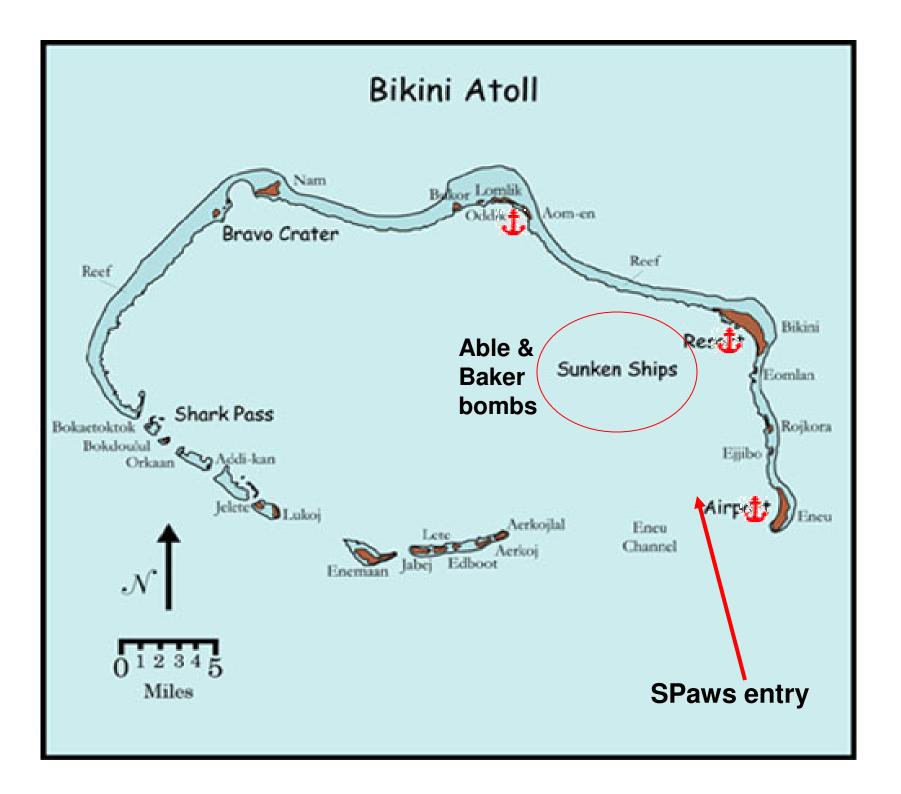


340' Japanese cargo ship Eiko Maru #2 bow, sunk 29 Jan 44 by USS New Jersey

Eiko Maru bow gun at 80'

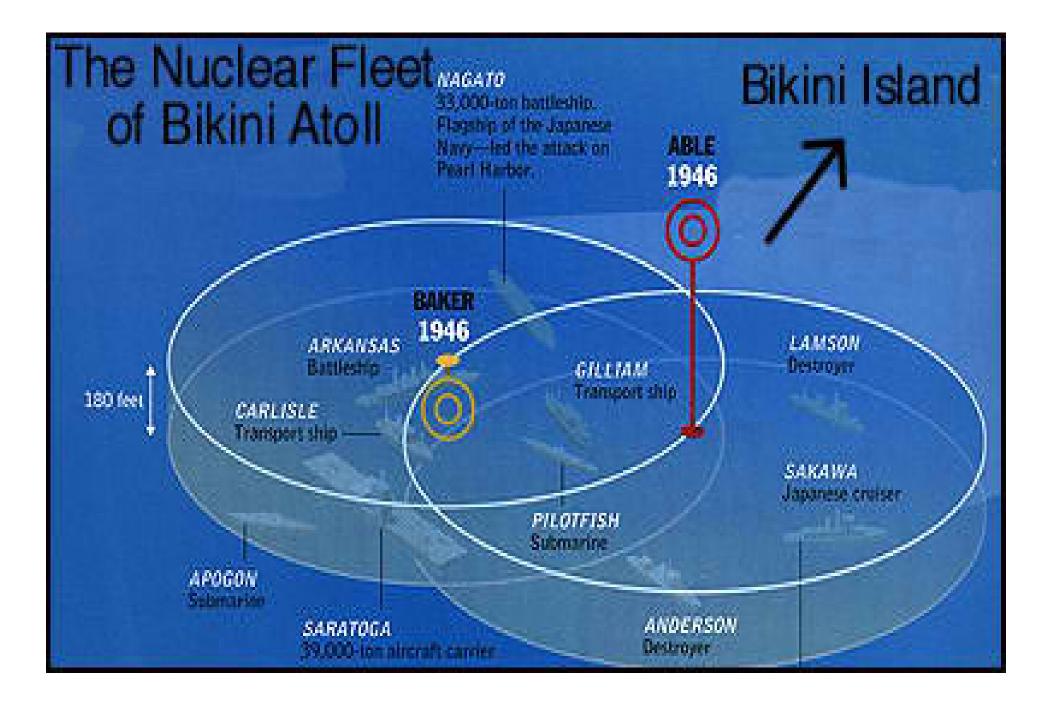
Eiko Maru deck winch



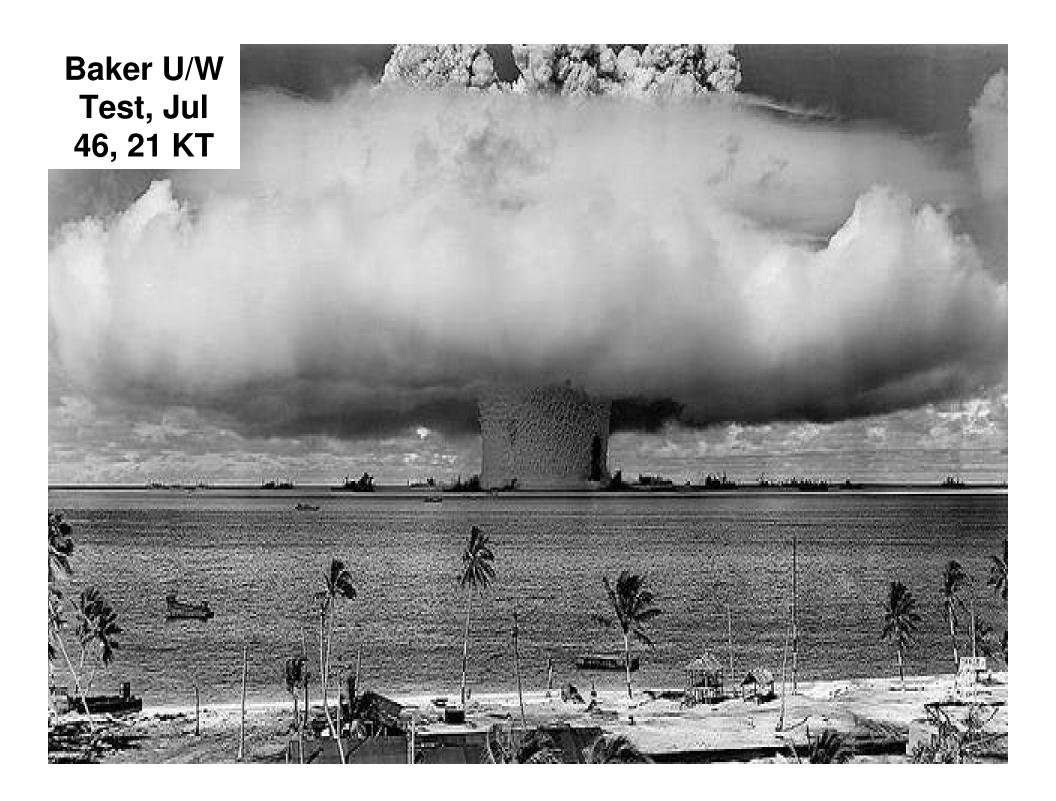


Bikini Atoll

- 1946-58 site of US Nuclear bomb testing
- 167 original residents relocated
- 23 nuclear devices detonated in lagoon
- Operation Crossroads (Able & Baker ship tests)-
 - 242 Ships and 42,000 U.S. personnel in Bikini for test prep
 - 95 Ships moored in Bikini for tests
 - 11 Ships sunk as a result of testing & still there today
 - CV3 Saratoga, 2 BBs, 2 submarines
- Feb 54 15 MTon Bravo hydrogen bomb





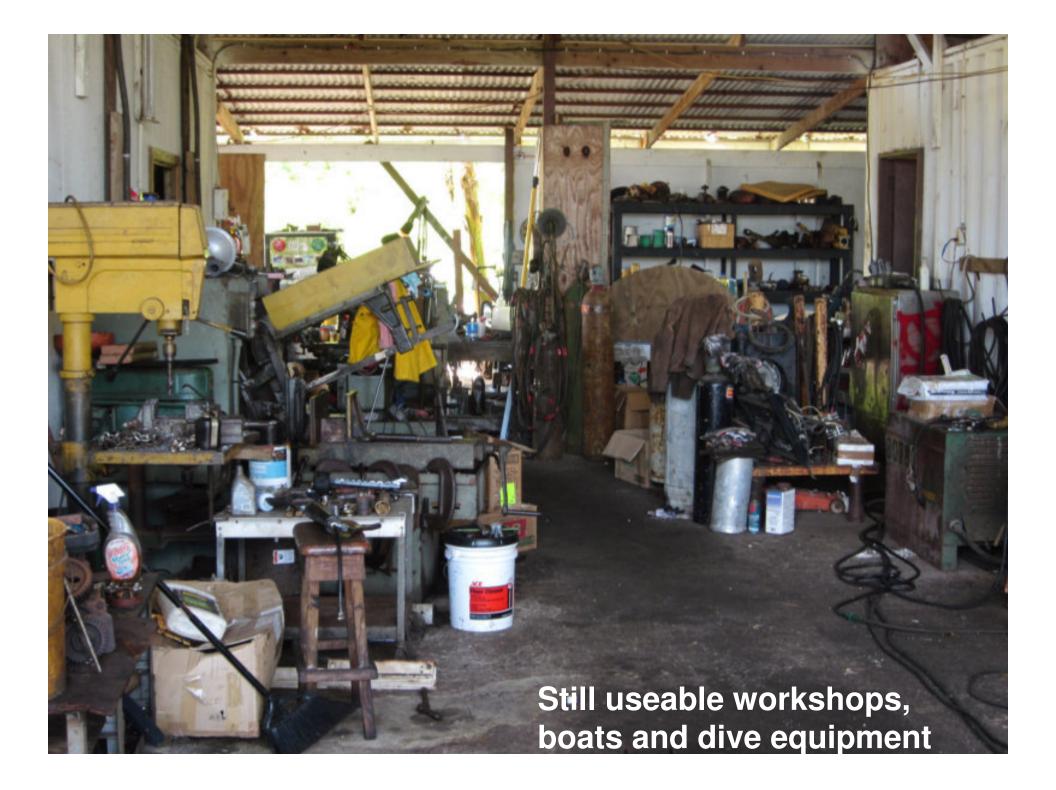




Many strongly built nuclear test bunkers



From the proud people of Bikini Atoll.



M/V Windward live aboard dive boat, 4 crew, 12 guests, \$6500 10 day trip

Our daily dinghy trip to MV Windward to dive

Dual lock recompression chamber

Sun

INNER LOCK

BIBS 0"SUPPLY



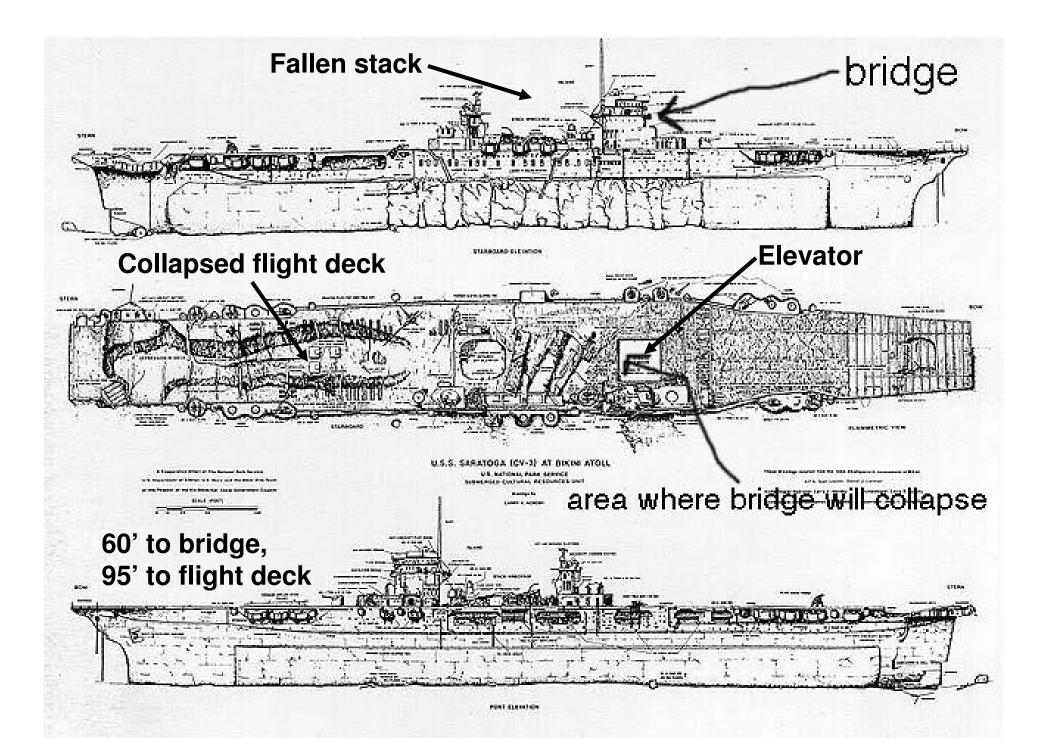
Commissioned 1928, third US fleet carrier

____CV-3

USS Saratoga

Sunk at Bikini Nuclear Tests Jul 1946

Biplanes

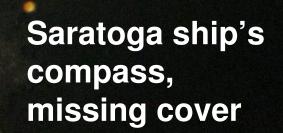


Saratoga CV-3 sinking at Bikini, Jul 46

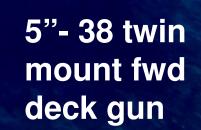




Bridge - conning station looking fwd, battle ports, compass, helm



24 hr clock, dishes, bottles displayed on bridge



Us at forward 5"- 38 deck gun

40 mm antiaircraft gun, port side

Curtiss SB2C Helldiver Dive Bomber

3,2

2 crew, 1900hp, 295mph, 1200mi, 29k', 2x20mm, 2x30cal, bombs, 7150 ea

SB2C Helldiver



Dave & SB2C Helldiver in Hangar Deck at 130'

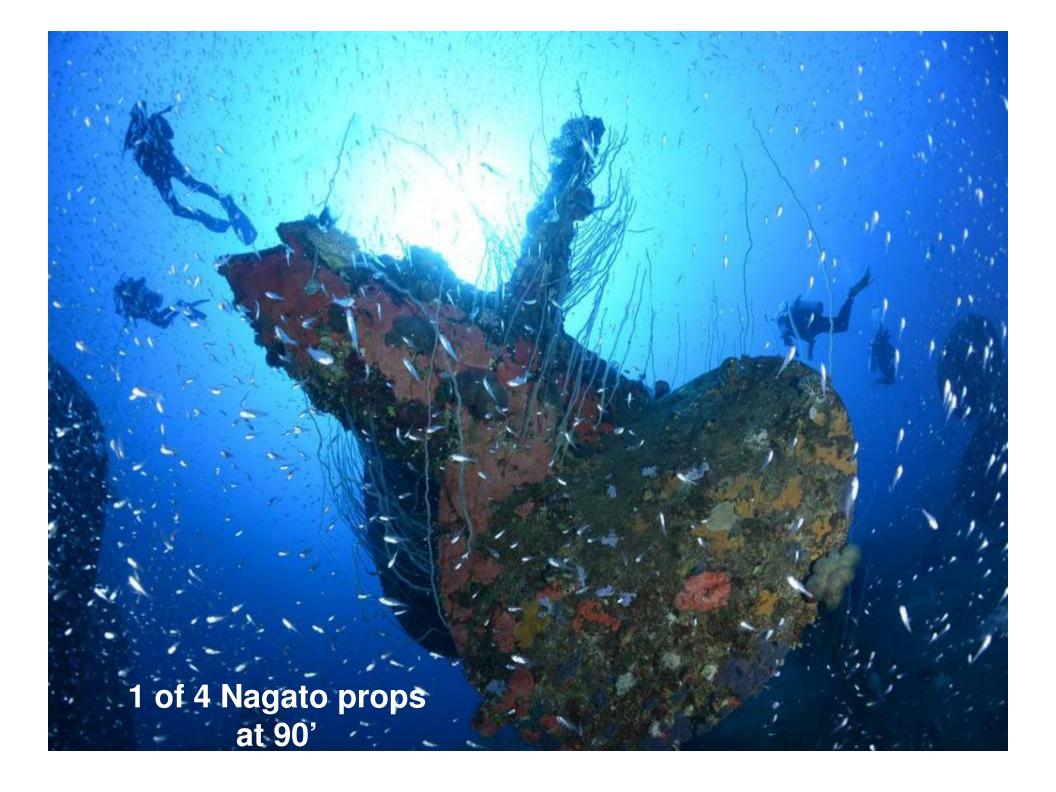
Helldiver instrument panel w/ most gages in place!

Mark V Air

???

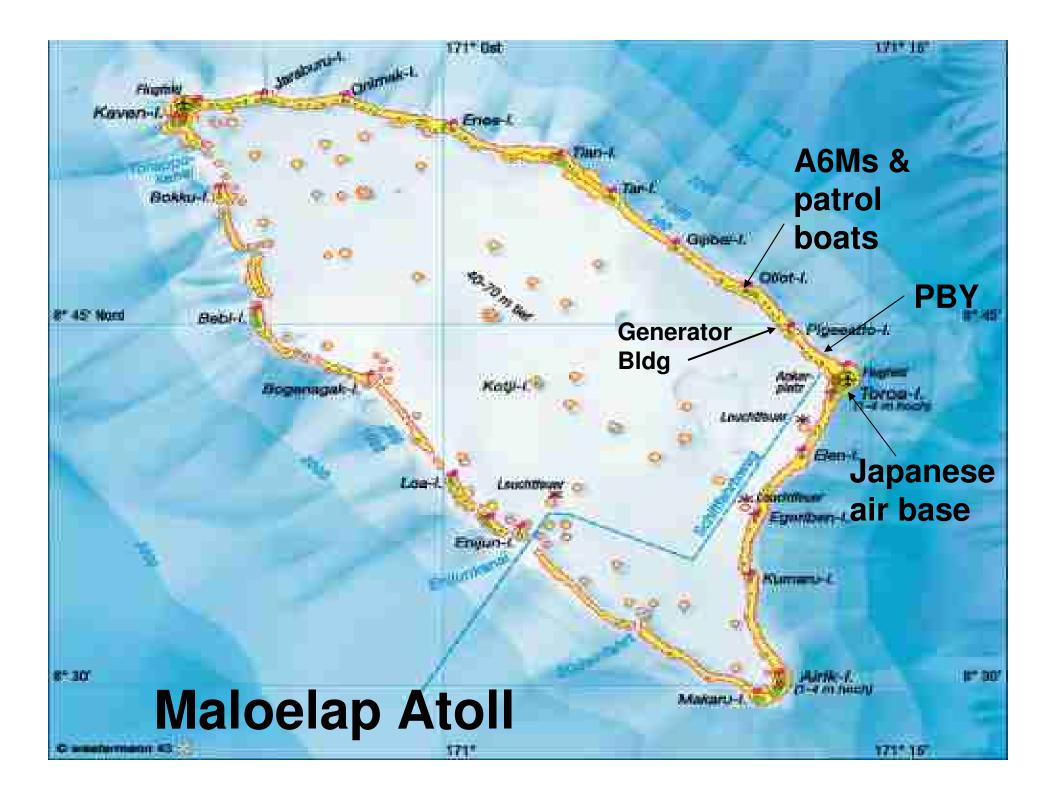
Hard hats in the dive locker

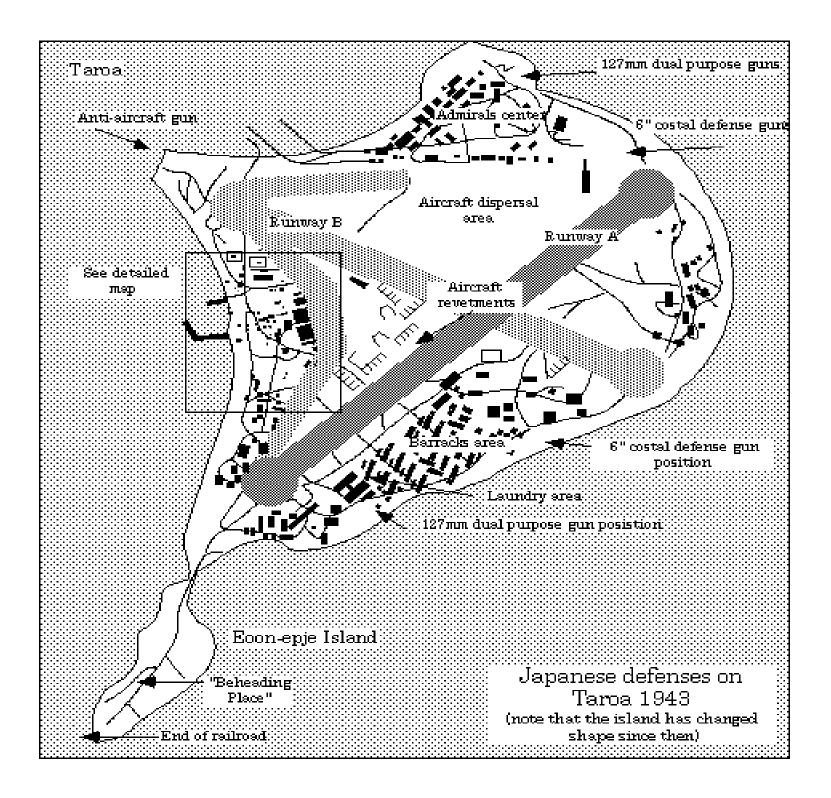
IJN Nagato - last Japanese battleship, CNO Adm Yamamoto's flagship



Us on 1 of 4 Nagato props at 90'









Generator building on Pigeeatto Isl



Large defensive shore bunker

Japanese 127mm Dual Purpose gun

Taroa 3 story Command & Radio Building

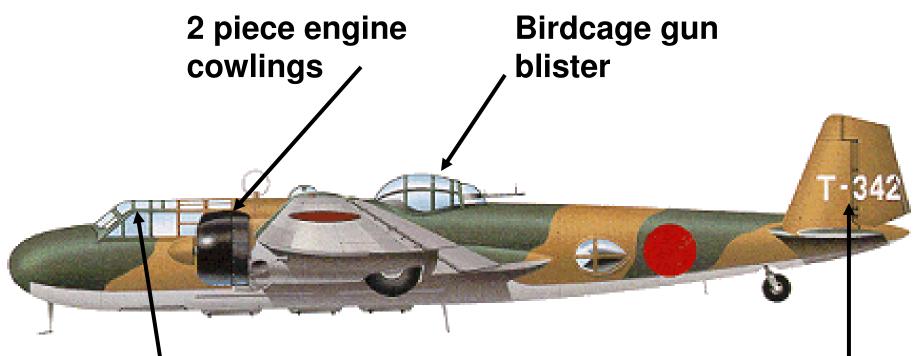
A6M Zero in the Plane Graveyard

Plane Graveyard radial aircraft engines

Sherry in the Plane Graveyard

Mitsubishi G3M Nell Medium Bomber





Angled cockpit canopy side brace Twin vertical^I stabilizers/tails

G3M Nell ID



Intact engine in Plane Graveyard-probable G3M Nell

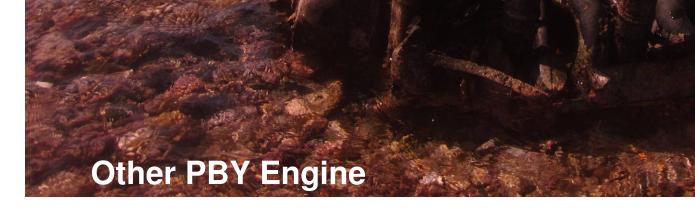




Consolidated PBY Catalina Maritime Patrol Amphibian Bomber

7 crew, 2x1200hp, 175mph, 3050mi, 18k', 2x50cal, 3x30cal, bombs, dpth chgs, 3300 ea





Japanese cargo ship Toroshima Maru sunk at Taroa

Sherry at Toroshima Maru prop

Toroshima Maru depth charges

Japanese Patrol Craft off Ollot Island, picked up Lt Zamperini of 'Unbroken'

Mitsubishi A6M Zero/Zeke



A6M Zero engine, bent blades mean crashed

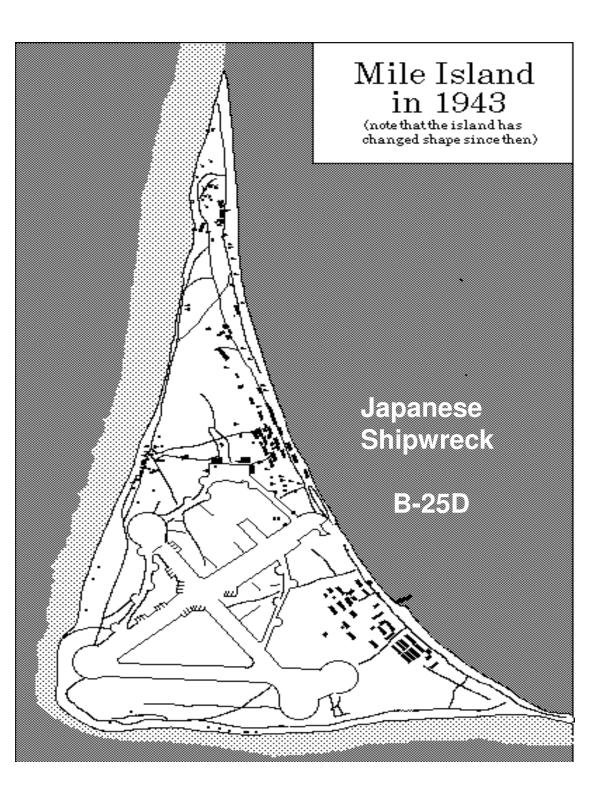
Japanese A6M Zero upside down wing/engine

Local kids posing with A6M Zero at **Ollot Island**



A Tour Cuida

50 56 917'N 1710 47 252'E alow -6077 ft ava alt 47 14 mi



Japanese held Mili Island in 1943



USS Iowa BB 61 in the Marshalls 24 Jan 44

2 1b Majuro 2-4-44.jpg(6000 x 4149 = 24.89 MP , 1,978 KB) [8 / 15] 149



Minor damage to Iowa's Nr 2 turret while shelling Mili Atoll on 18 Mar 44

PG (2025 × 1604 = 3.25 MP ,







Japanese 120mm Coastal Defense gun in the jungle



Small Shore Defense gun in the water

WWII Japanese bomb cart wheels, now boat anchor





A6M Zero 20mm wing cannon

Mitsubishi G4M Betty Bomber

K310

7 crew, 265 mph, 29k, 3750 mi, 1x20 mm & 4 7.7 mm guns, bombs or torpedoes

ALC: NO

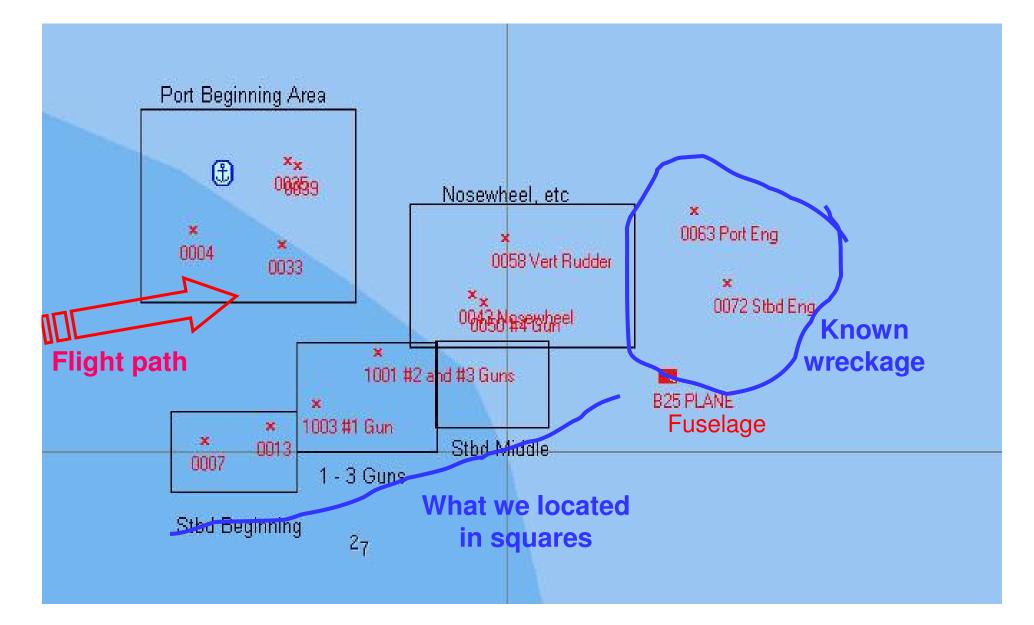
G4M Betty Bomber nose area

G4M Betty bomber stbd wing, missing engine

North American B-25 Mitchell Bomber

1942 Doolittle raid on Japan from USS Hornet 5 crew, 2x1700hp, 275mph, 1300mi, 24k', 1x75mm, 16x50cal, bombs, rockets, 9800 ea

B-25D Mitchell Search Site Map

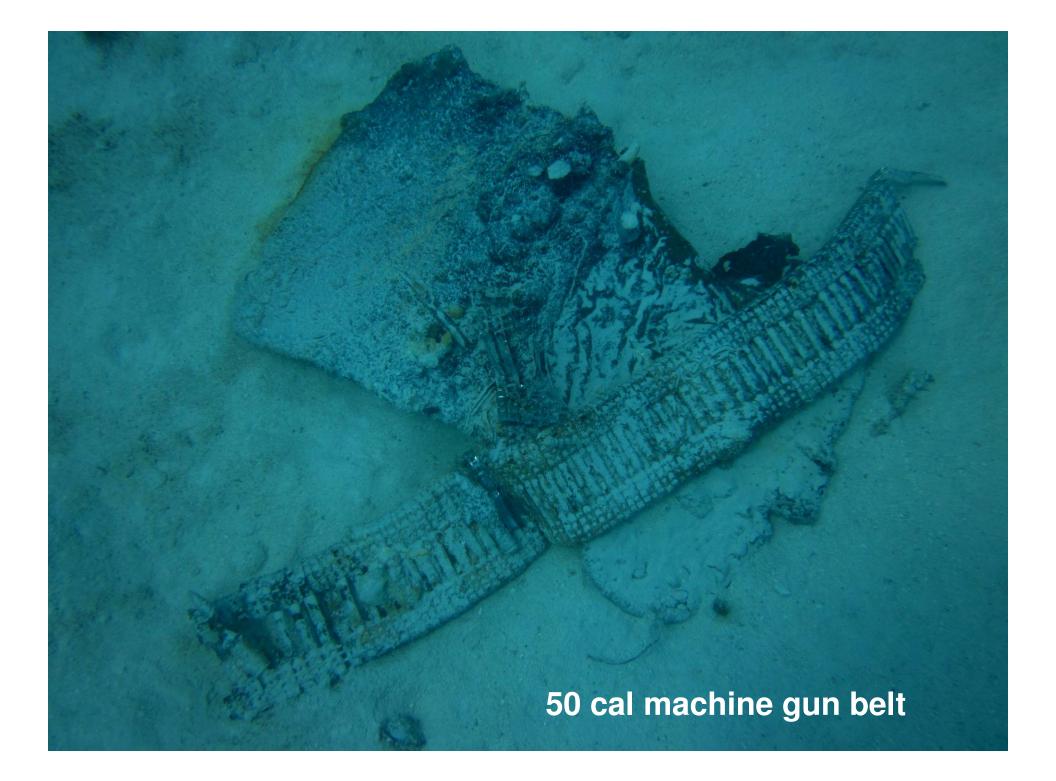


B-25D stbd front in 25', nose cone missing , cockpit open



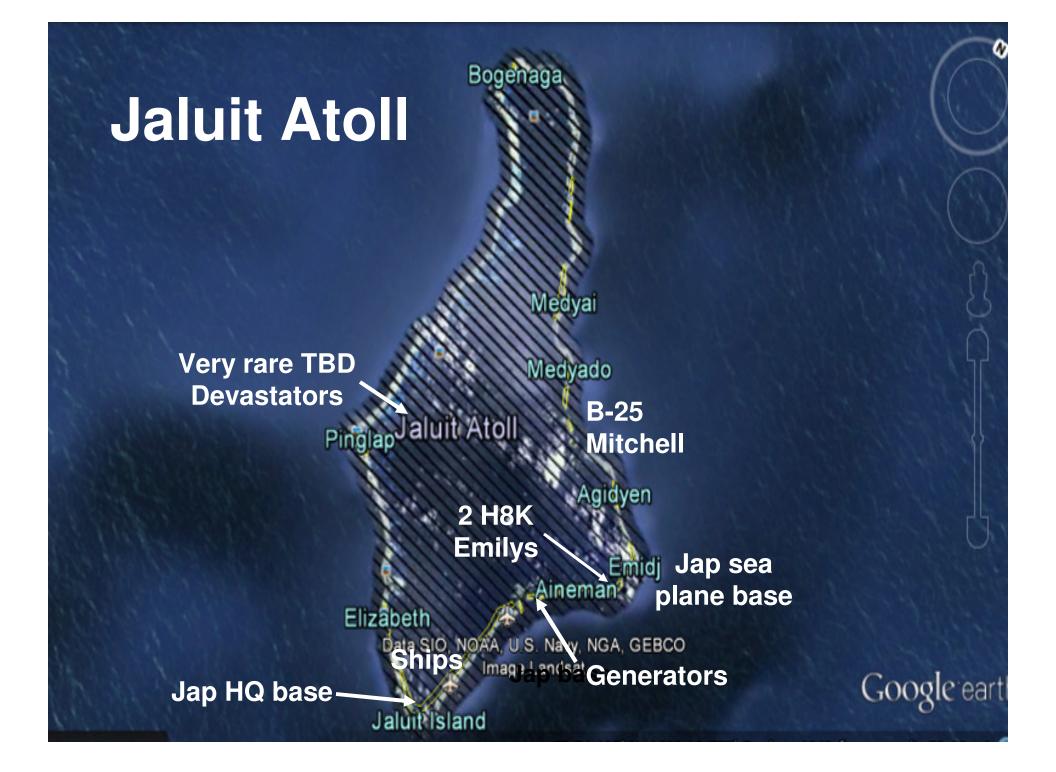


B-25D port waist 50 cal machine gun





50 cal machine gun





Sherry at doorway to Aineman generator building in the jungle

Grounded Japanese cargo shipwreck

the beging and refer in the barrow but with the

Sherry inside 1880s German composite trading ship at 90', off Jaluit Island

Sherry at stern of WWII Japanese tug boat in 30', Jaluit harbor

SPaws anchored off Japanese sea plane base, Emidj Island

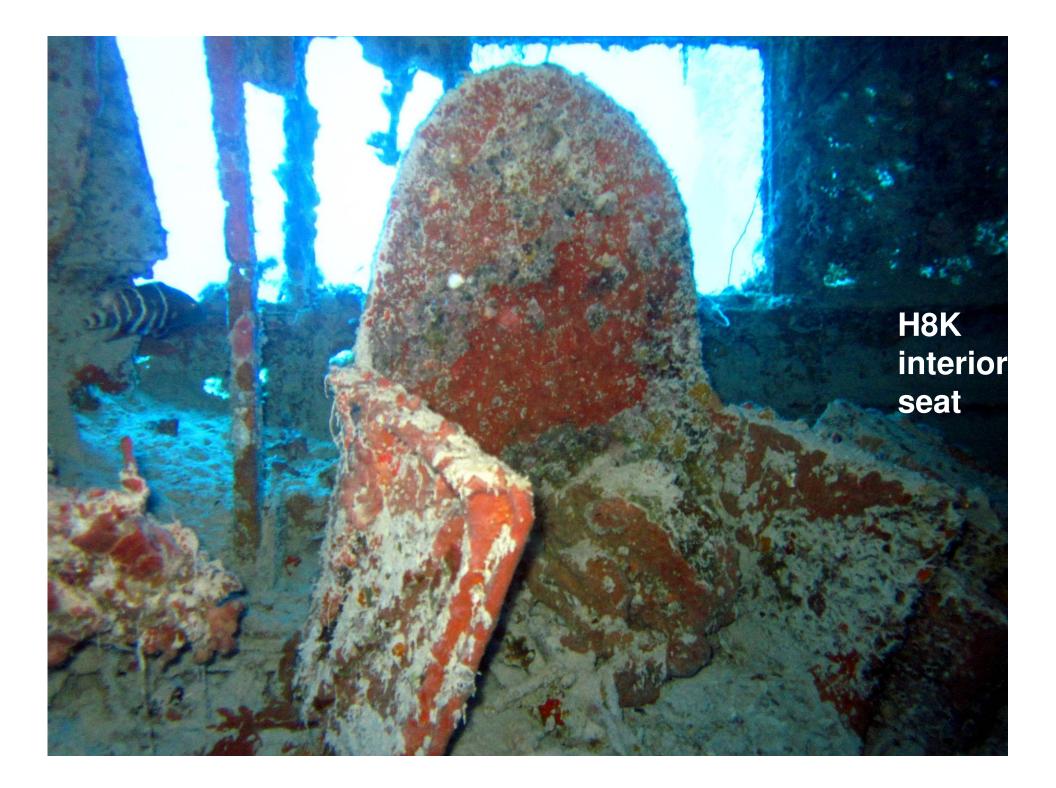
Kawanishi H8K Emily Flying Boat

10 crew, 4x1850hp, 290mph, 4460mi, 29k', 5x20mm, 4x7.7mm, bombs, torps, 167 ea

Huge 125' wingspan, 64 troops, 29 staff officers, very well armed and longest range

51085

Sherry on H8K port wing, plane is upside down in 90', Emidj Isl

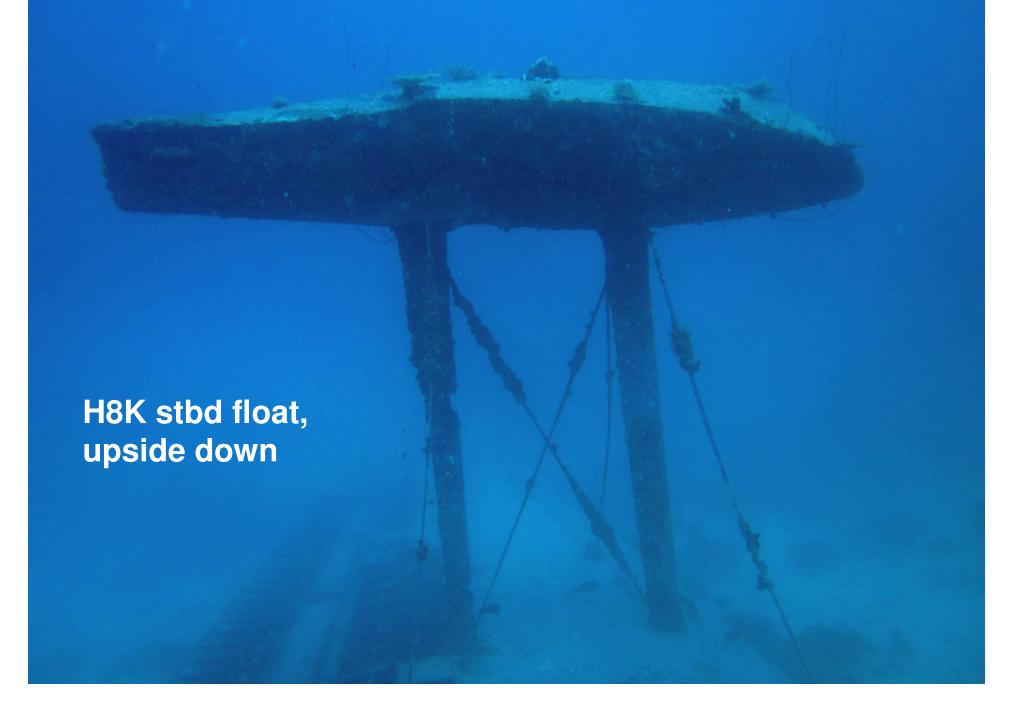




H8K Emily nose and under side

H8K 20mm tail gun, one of 9 guns onbd

H8K twin mount 7.7mm machine un



Douglas TBD Devastator Torpedo Bomber

3 crew, 900hp, 205mph, 415mi, 19.7k', 2x30cal, torps, bombs, 129 ea

Douglas TBD Devastator Torpedo Bomber



TBD in 45', engine in fore ground, west Jaluit Atoll

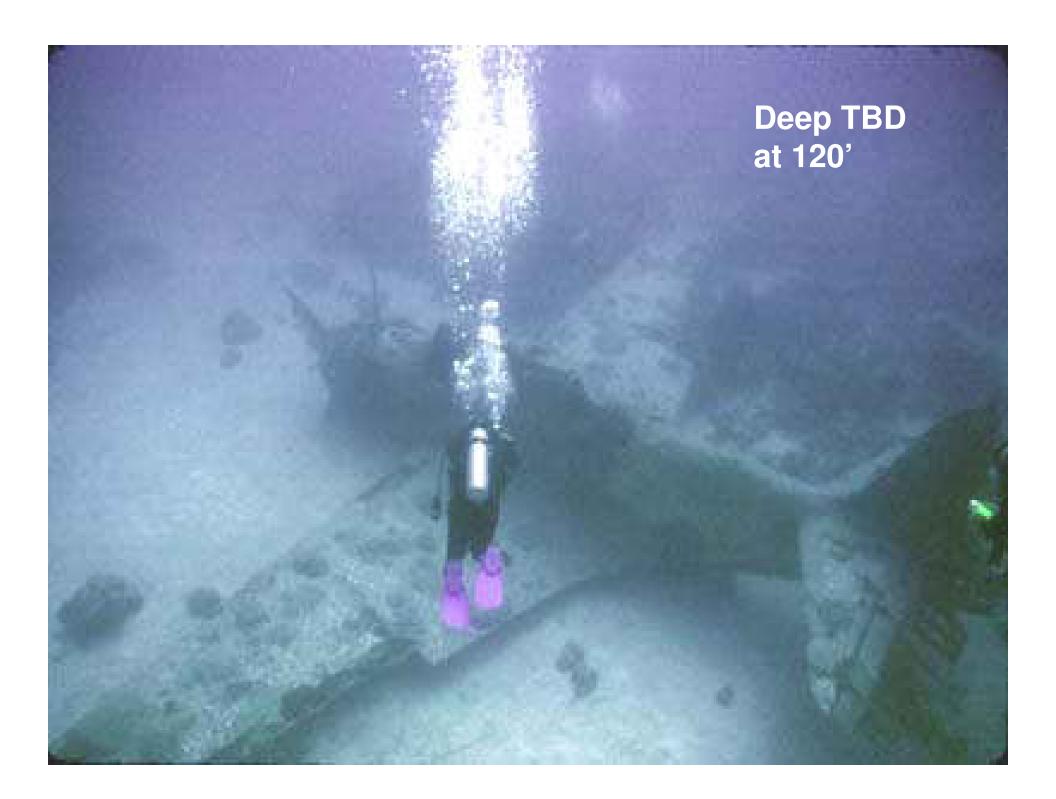
Unique TBD wing surface ridges, Sherry inspecting bomber and gunner's seats

TBD from stbd aft, Sherry inspecting gunner's position, flaps deteriorated

Dave inspecting TBD bomber and gunner seats

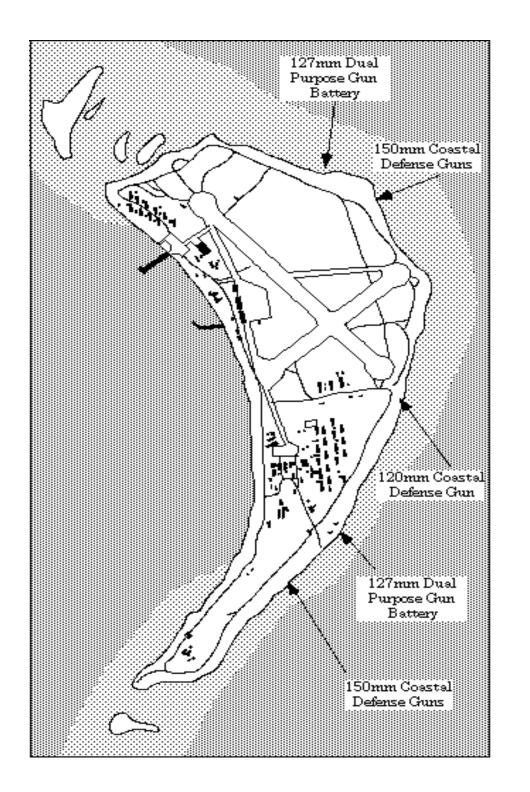
TBD gunner position and machine gun ring

TBD engine & 3 blade prop



Deep TBD at 120', pilot and bomber's seats, gun sight, antenna pylon





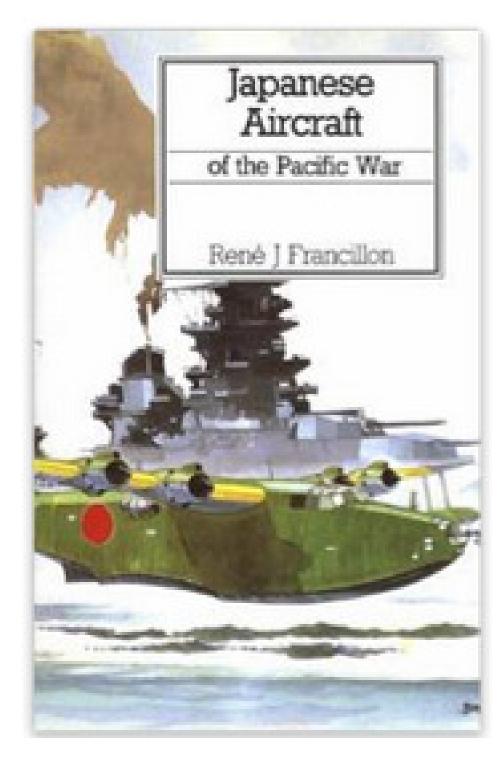
Layout of Wotje during WWII, SPaws did not visit due to high cost

Wotje Island 24 Dec 43

PacificWrecks.org

Best Japanese Aircraft Book – black/white pics Rene Francillon

Available on Amazon.com

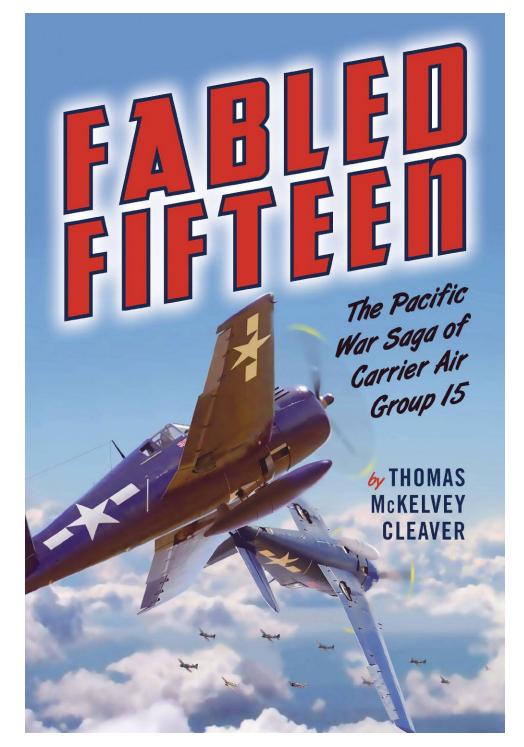


Great World War II Aircraft Book All Nations – Color Jim Winchester



New Book on WWII history of Air Group 15

Great Reviews Available on Amazon.com, eBook or Hardcover



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The End

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