



Serving on, Toward the Beautiful Sky

For A Better and Deeper U.S.-Japan Alliance

- Applying Lessons Learned from JASDF Deployment to the Middle East

Toshimichi Nagaiwa (Lt General (ret.))

Ex-ASC Commander





Serving on, Toward the Beautiful Sky

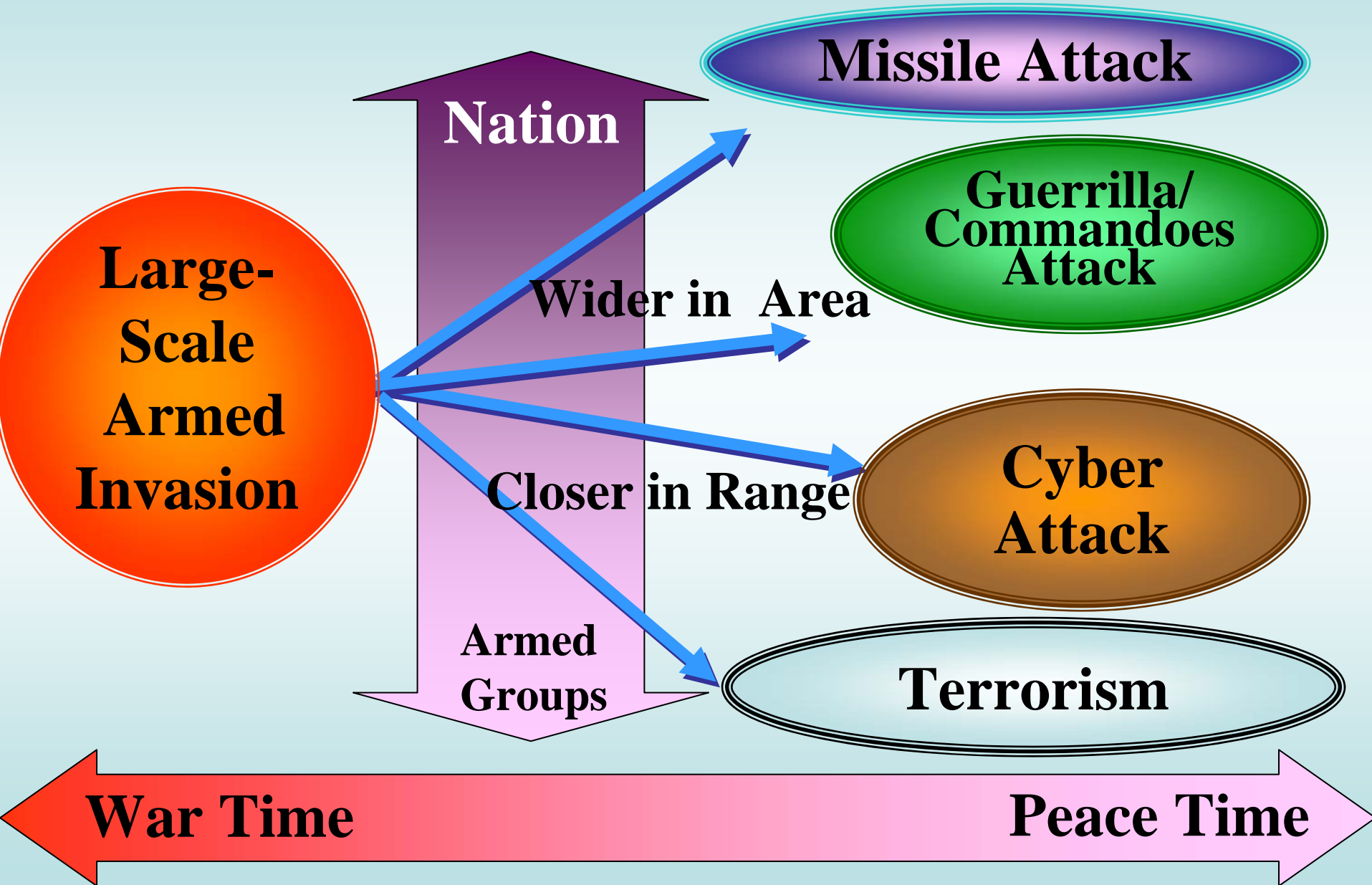
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Diversity of Threats



Ways to Deal with Diversifying Missions

Missile Attack

Dealing with various situations

Air Defense Capability
With Maximum Quality and
Limited Quantity

NBC Protection

Applied for Peace Time
Missions

Anti-Guerrilla
Commando
Operation

Upgrade of
Intelligence

Upgrade of
AC&W

Disaster Relief

Air Defense
Operation-
Oriented
Weapon
System

Upgrade of Combat
Fighters

Stabilize Security Environment

Upgrade of Base Protection

International
Contribution

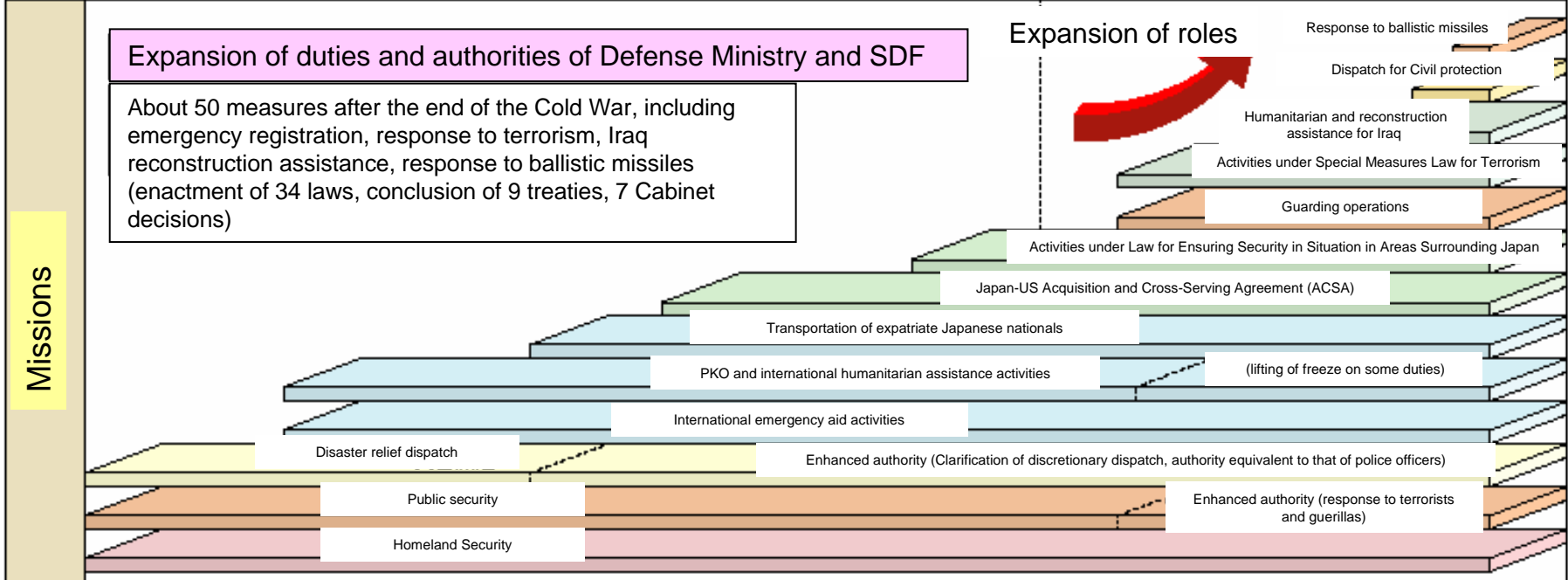
Mobility/
Transportability

Airlift for
Overseas Japanese

Defense of Japan

Expanding SDF Roles and Activities

#	90 (H2)	91 (H3)	92 (H4)	93 (H5)	94 (H6)	95 (H7)	96 (H8)	97 (H9)	98 (H10)	99 (H11)	00 (H12)	01 (H13)	02 (H14)	03 (H15)	04 (H16)	05 (H17)
Major event		<ul style="list-style-type: none"> •Gulf War •Minesweeper dispatch to Persian Gulf •Disaster relief dispatch in the eruption of Mt. Unseen Fugendake •Collapse of the Soviet Union (end of Cold War) 	<ul style="list-style-type: none"> •PKO dispatch to Cambodian 	<ul style="list-style-type: none"> •PKO dispatch to Mozambique 	<ul style="list-style-type: none"> •Dispatch of refugee relief units to Rwanda •NS-North Korea framework agreement 	<ul style="list-style-type: none"> •Disaster relief dispatch in Great Hanshin-Awaji Earthquake •Disaster relief dispatch in Sarin gas attack on the Tokyo subway 	<ul style="list-style-type: none"> •PKO dispatch to Golan Heights began 	<ul style="list-style-type: none"> •Development of guidelines for new Japan-US defense cooperation 	<ul style="list-style-type: none"> •Ballistic missile launch by North Korea •Dispatch of international emergency aid units to Honduras 	<ul style="list-style-type: none"> •Suspicious boat incident off the Not Peninsula •Disaster relief dispatch in the criticality accident in Tokaimura (Uranium processing facility) 	<ul style="list-style-type: none"> •Disaster relief dispatch in eruption of Mt. Usu 	<ul style="list-style-type: none"> •Central government ministry reform •Dispatch of international emergency aid units to India •9/11 terrorist attack on the US •Start of activities under Anti-Terrorism Special Measures Law •Suspicious boat incident in waters off southwest Kyushu 	<ul style="list-style-type: none"> •PKO dispatch to East Timor 	<ul style="list-style-type: none"> •Passing of three emergency laws •Start of humanitarian and reconstruction assistance for Iraq 	<ul style="list-style-type: none"> •Passing of seven emergency Laws •Disaster relief dispatch in Niigata Chuetsu Earthquake •Chinese submarine navigating underwater •Development of National Defense Program Guidelines •Dispatch of international emergency aid units in Sumatra Earthquake 	<ul style="list-style-type: none"> •Dispatch of international emergency aid units in Great Pakistan Earthquake

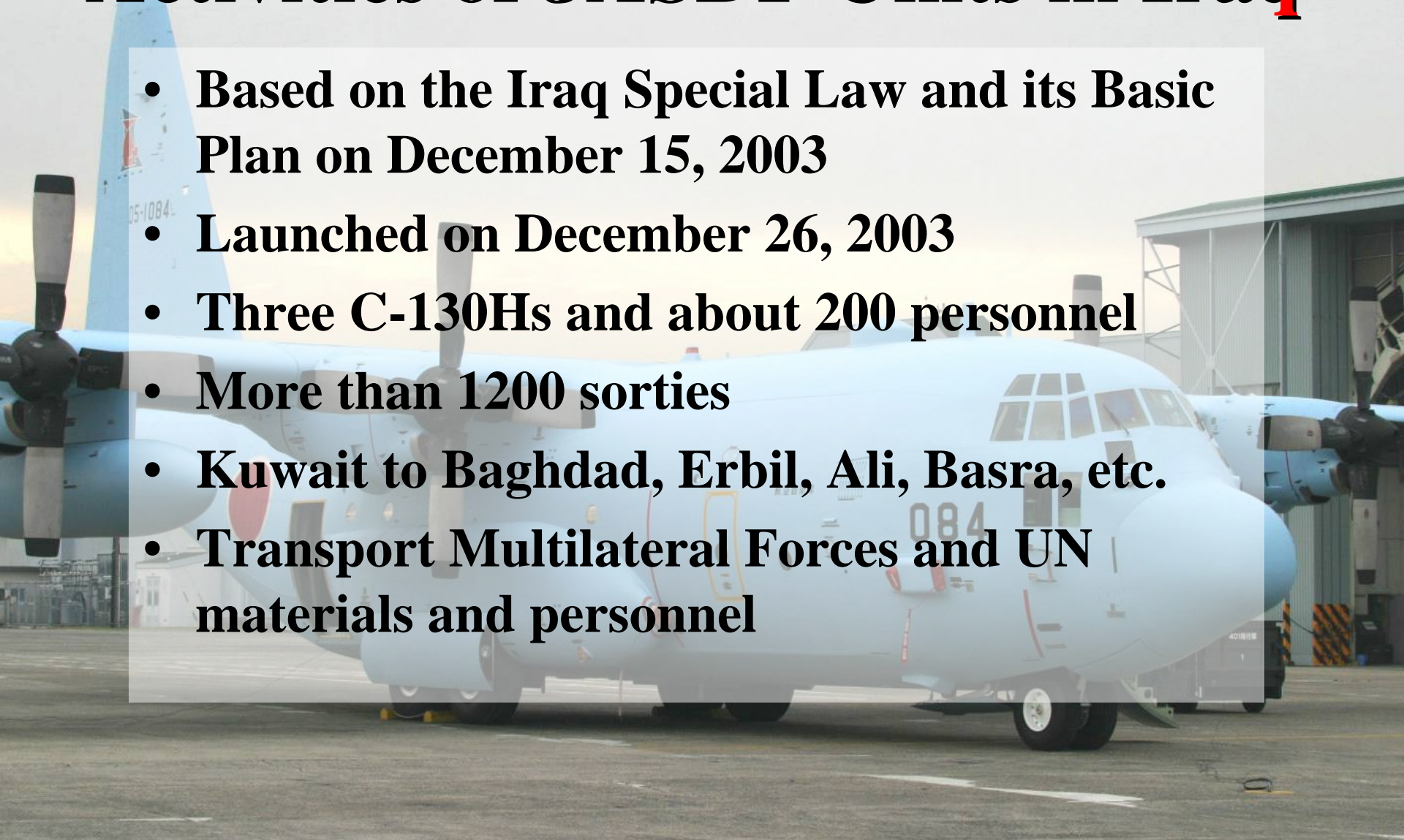






Activities of JASDF Units in Iraq

- Based on the Iraq Special Law and its Basic Plan on December 15, 2003
- Launched on December 26, 2003
- Three C-130Hs and about 200 personnel
- More than 1200 sorties
- Kuwait to Baghdad, Erbil, Ali, Basra, etc.
- Transport Multilateral Forces and UN materials and personnel



BOOTS ON THE GROUND



“日の丸”
SKY!

IN THE









Humanitarian Reconstruction Support





Patient Transportation



Noor, 5 years-old Heart trouble

Improvement / Self Protection sys.

Cockpit Armor

Bubble Window

Coloring (Blue Gray)

Anti Explosion Form

CVR (Cockpit Voice Recorder)

Cabin Armor

Observation Window

Self Protect System / Missile Warning System

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Threat Information Acquisition and Dissemination

Combined Air Operation Center

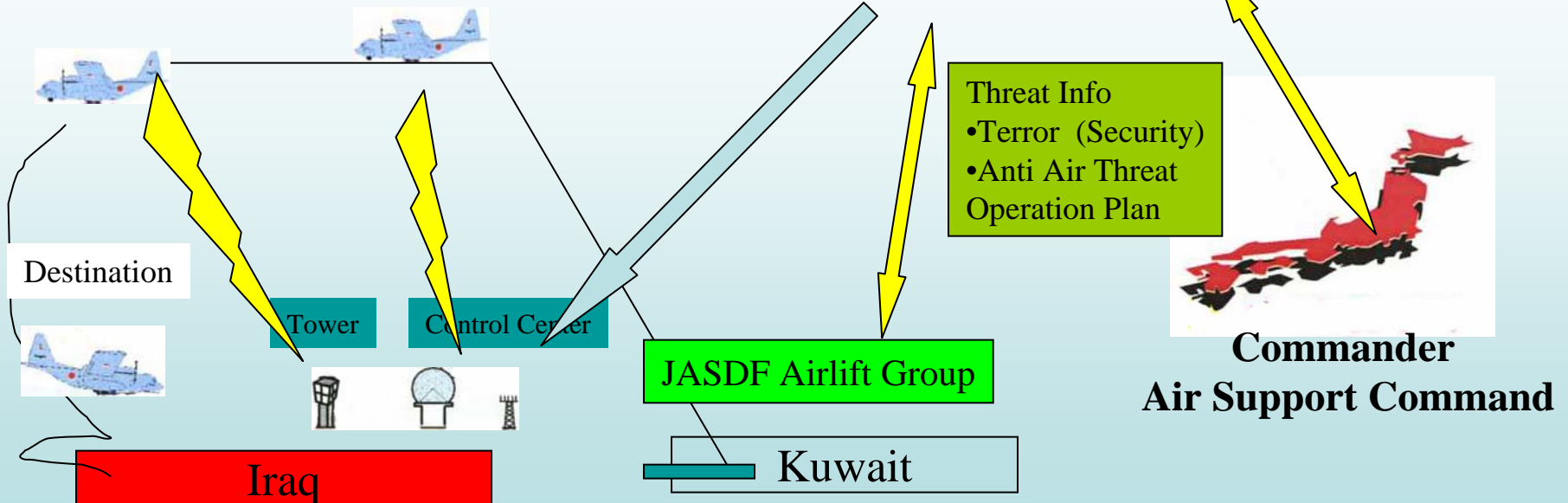
Role of CAOC

- Unilateral Control of the entire Coalition Air Operation
- Provide the threat information



Close Coordination

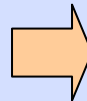
Airlift Planning Div



The “Heart” of the Soldiers

- Soldiers understand some of the risk
- Civilians don't

Contribution



Responsibility

Someone has to take risks so that others may live

Three principles for Deployment

- Establishing local oriented tactics
- Preparing necessary combat equipment
- Raising the personnel's capability

**Keeping
threats
in mind**

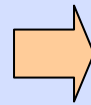
Upon receiving the order, they launched this mission with a collected mind and without stress or concern

Merits of the deployment

The time of pacifism had gone

“the Bond of the Coalition” secure mutual safety

Contribution



Responsibility

Service above the
Mesopotamian Desert



Service above
the Japan Sea

Serve with U.S.
Forces



Dignified manner as a SAMURAI

- Japanese Spirits
- Identity - Ethics
- Harmony



- Deterrence in peace time
- Credibility to Japan
- Generate the awe on Japan

OEF Joint Missions

Transportation of U.S. personnel (2007.2.2)

Domestic: 330

Overseas: 15



International Disaster Relief Missions



Pakistan Earthquake (2005.10.12 ~ 11.24)



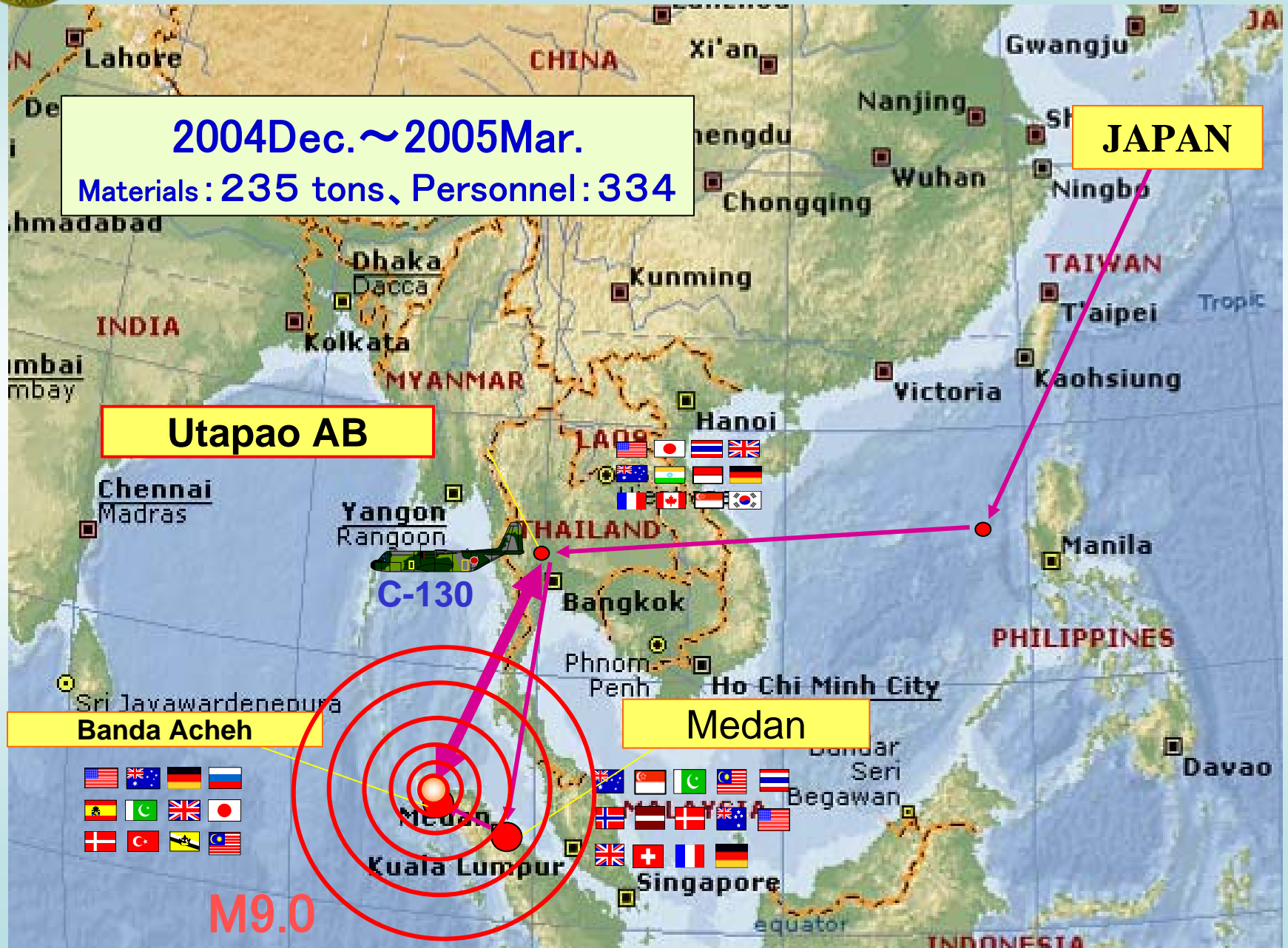
**Indonesia and Java Earthquake
(2006.6.1 ~ 22)**



Tsunami on Sumatra (2005.1.10 ~ 3.8)



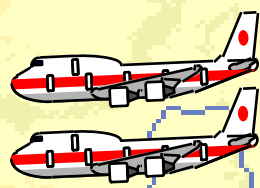
International Disaster Relief Missions



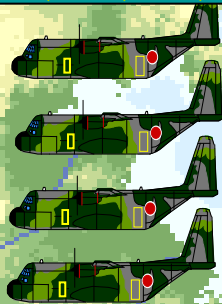


International Disaster Relief Mission Pakistan

Islamabad

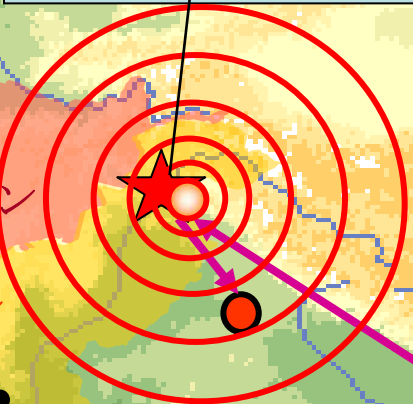


B-747 × 2



C-130H × 4 (2)

JAPAN



M7.7

アフガニスタン
パキスタン

カラチ
アーメダバード

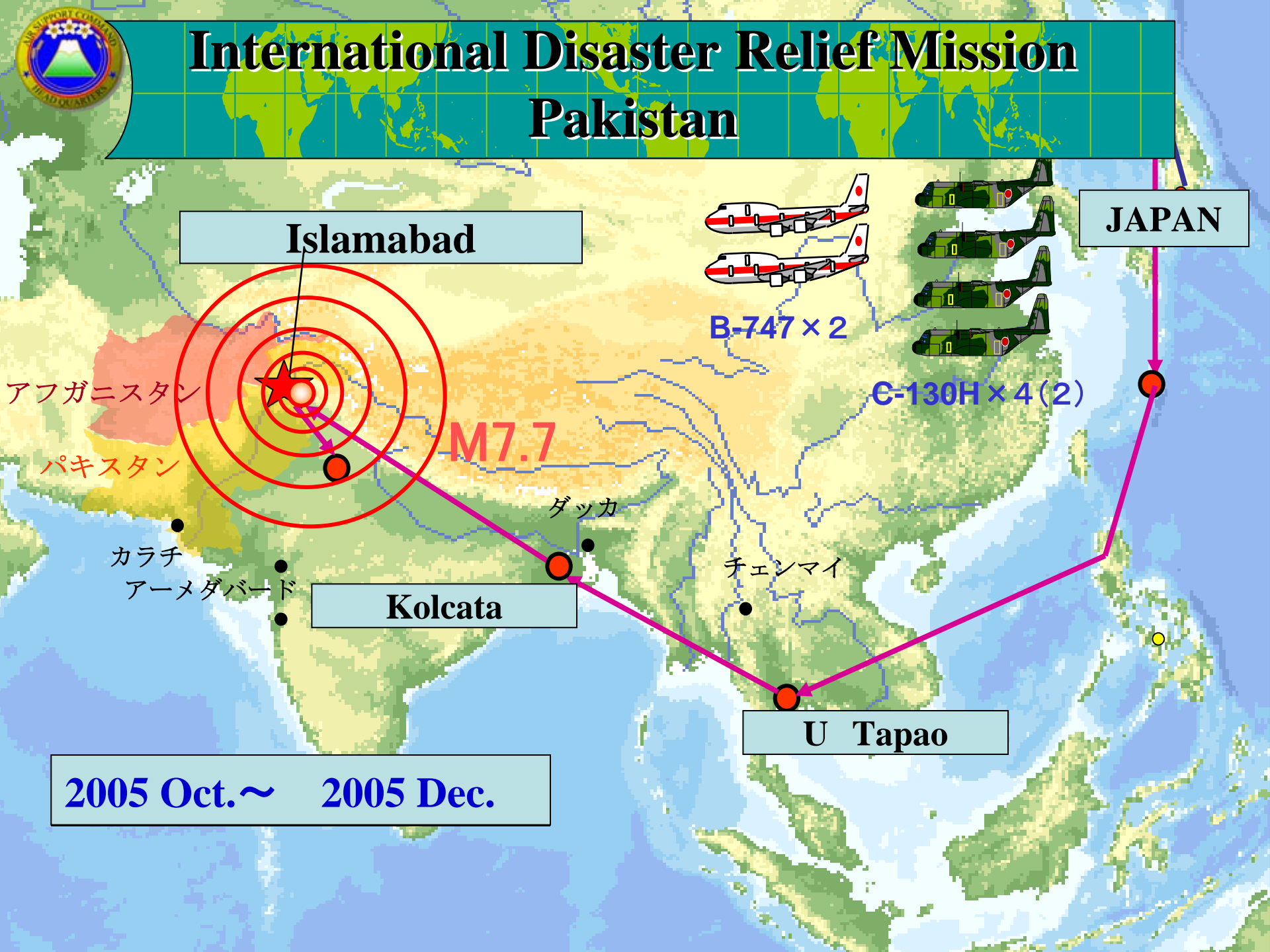
Kolkata

ダッカ

チェンマイ

U Tapao

2005 Oct. ~ 2005 Dec.



#1 Experimental C-X Rollout

Source: "The Asagumo Shimbun" 5/24/07)

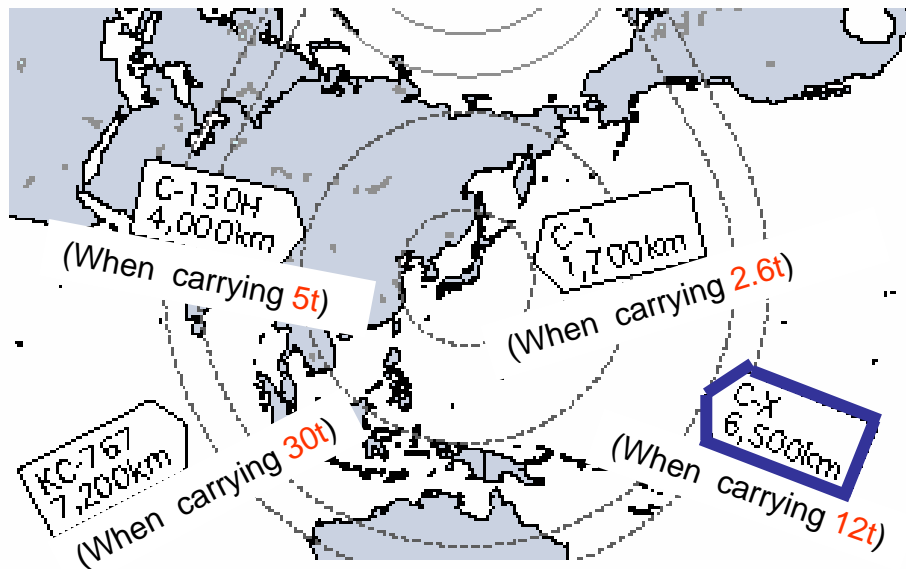


- Developed by Kawasaki Heavy Industry since FY01
- To be passed over to JASDF in FY08/09 for test flights
- Development to be completed in FY2011

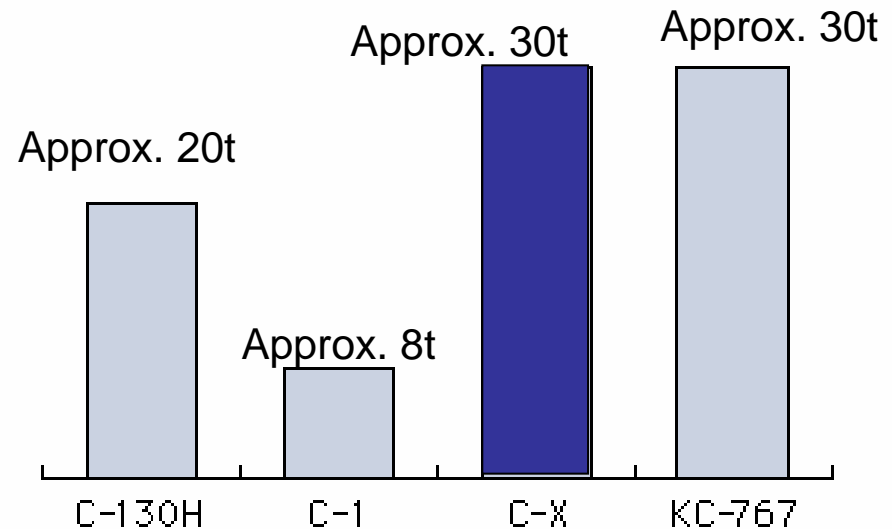
Future Posture of Air Carrier Unit

Source: "Defense of Japan 2006"

Cruising speed/ distance



Maximum load capacity

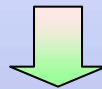


Posture for Adapting to Future Missions

Next half-decade activities :

Build robust potential

- C-X
- JASDF Restructure
- Transform military training



Future (Three decades) vision :

- Accomplish more sophisticated and demanding missions
- Cooperate with Coalition Forces more swiftly, flexibly and broadly

A decorative banner at the top of the slide features a world map in shades of green and yellow, overlaid on a blue grid. The text "Lesson Learned" is centered in white with a black outline.

Lesson Learned

U.S. – Japan Alliance:

**Further Reinforce To
Make It More Effective**





Alliance with Reliance



Cope Thunder '06 (2006.7.21 ~ 8.5)



Air Refuel



- **Japan's military awakening has begun at the front lines, and I hope it will spill over to the rest of Japan.**
- **Japan need to apply those lessons learned at front line to it contingency plans and break with previous restrictions against the deployment of Japanese force.**

- **Japan needs to take on more risks and tasks, and the U.S. needs to facilitate Japan's efforts to improve its military.**
- **Japan's military awakening is not a threat to friendly nations, but in fact can be of help to those nations.**

- **JASDF needs to better prepare their forces to work together with U.S. forces.**
- **The U.S. needs to more openly share its front line experiences and technologies to enable Japan to be a better partner.**

- **A solid U.S.-Japan alliance will be vital for our peace and prosperity.**
- **Is it possible for us to build such an alliance as that of the U.S.-U.K.?**



Represent Japan With Grace and Discipline

