



QUESTION 12 Activity 2

LANDING HELICOPTER DOCK (LHD)

(go to navy.gov.au/Canberra_Class and view the video at the bottom of the page)

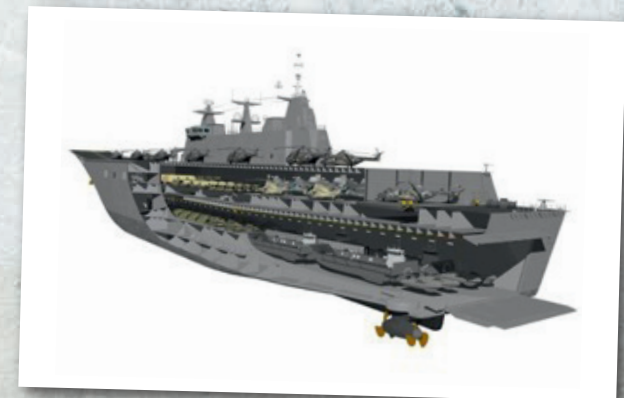
The LHD amphibious ships will provide the Australian Defence Force (ADF) with an exceptional warfare capability that will allow it to be employed in a wide range of non-combat operations such as evacuating Australian citizens from areas of trouble or providing disaster relief and humanitarian assistance after natural or man-made crisis. The first LHD, named HMAS Canberra, is due to be commissioned in January 2014 and the second ship, HMAS Adelaide, is planned to commission in June 2015. At over 230m long and 25,000 tonnes, this ship looks like a small aircraft carrier. It is a vessel designed to conduct operations on both land and in water. It is able to carry, support and deliver over 1000 troops, six helicopters and 150 vehicles, including the Army's M1A1 Abrams Tank.

The ship is a conventional steel mono hull design with the superstructure located on the starboard side of the flight deck. The ship is fitted with an

electric generator propulsion plant installed in separate engine rooms. Two diesel generator sets and gas turbines provide power to drive electric pods and bow thrusters. There are four main decks: the Well Dock and Heavy Vehicle Deck for heavy vehicles and/or cargo, Main Accommodation Deck, including the Primary Casualty Reception Facility; Hangar and Light Vehicle Deck for light weight vehicles and cargo, and the Flight Deck.

The role of the ship is to:

- embark, transport and deploy an embarked force (in the case of the ADF, this means the Army but it could also be another country such as the United States Army or Marines), along with their equipment and aviation units, and
- conduct and support humanitarian missions.



LANDING HELICOPTER DOCK (LHD)

Type of Capability	Equipment listed in Website	Description
Air capability	MRH-90 helicopters x 6	Multi Role Helicopter – Medium Lift Helicopter - ARMY
	CH-47 Chinook helicopters x 2	Chinook Heavy Lift Helicopter - ARMY
	Seahawk S-70B-2 x 4	Seahawk helicopter Submarine Hunter/Reconnaissance Helicopter - NAVY
	ARH x 2	Armed Reconnaissance Helicopter - ARMY
Amphibious capability	LCM 1E x 4	Landing Craft Mechanised Cargo carrying vessel - ARMY
	RHIBs (Rigid-Hulled Inflatable Boat) x 6	Speed boat - NAVY
Land capability	LR (6x6) x 22*	Land Rover 6 Wheel Drive - ARMY
	LR 110 (4x4) x 24	Land Rover 4 Wheel Drive - ARMY
	Mack trucks x 6**	Flat bed Cargo 20 Ton Truck - ARMY
	Ambulances x 6***	Land Rover 6 Wheel Drive (Ambulance) - ARMY
Medical capacity	Operating Theatre x 2	
	56 beds intensive to low dependency care	
	Medical lab	
	X-Ray	
	Pharmacy	
	Dental Surgery	
<p>For this activity only, the following amendments to the website list have been made: * LR (6x6) x 22 have replaced M113 x 22 ** Mack Trucks x 6 have replaced M1A1 x 6 *** Ambos x 6 have replaced LRPV x 6</p>		