

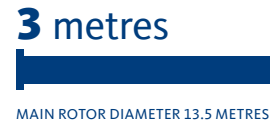


## SUPER SEASPRITE SPECIFICATIONS

WEIGHT (MAX TAKE-OFF)



BEAM



OVERALL LENGTH AND HEIGHT

LENGTH: **16** metres  
HEIGHT: **4.09** metres



SPEED



RANGE

**450** nautical miles  
ENDURANCE  
**3.5** hours

MAX. COMPLEMENT



EVACUATION



**6 SQN** is authorised to use No. 6 Squadron badge approved in 1954 and the motto is Vigilance with Patience.

## SUPER SEASPRITE ARMAMENT

CAN BE ARMED WITH A COMBINATION OF:



**HOMING TORPEDOES**  
**PENGUIN AIR-TO-SHIP MISSILES**  
**M60 MACHINE GUN**



**PROPULSION:**

Two General Electric T700 Turbines (1600 hp each)

## NAVAL AVIATION

Naval aviation comprises a mix of Navy and Air Force personnel who operate and maintain a fleet of eight Kaman Super Seasprite SH-2G(I) helicopters and a simulator, known as No. 6 Squadron (6 SQN).

6 SQN is based at RNZAF Base Auckland in Whenuapai and is one of the force elements under the command of the Air Component Commander (ACC), Headquarters Joint Forces New Zealand.

The helicopters are deployed from RNZAF Base Auckland to Navy ships TE KAHA, TE MANA, CANTERBURY, OTAGO and WELLINGTON. When onboard TE KAHA and TE MANA the aircraft fulfil a combat and surveillance role as well as providing transport and vertical replenishment capability. When deployed onboard CANTERBURY, OTAGO and WELLINGTON the aircraft are primarily tasked to provide surveillance, reconnaissance, transport and vertical replenishment capabilities.

The New Zealand Defence Force (NZDF) has flown Seasprite helicopters since 1998 with the then Kaman SH-2F and the SH-2G(NZ) since 2001. In 2016, the NZDF transition to the "I" variant.

The Super Seasprite is one of the most technologically advanced helicopters in the world. Manufactured by Kaman Aerosystems, the Super Seasprite SH-2G "I" variant was delivered to the Ministry of Defence and commissioned into the Royal New Zealand Air Force on 14 April 2016. The Kaman Super Seasprite helicopter is the third variant to serve in the Royal New Zealand Air Force.

### Overview

The Kaman SH-2G(I) Super Seasprite is an advanced maritime weapon system and proven day/night/all-weather multi-mission helicopter. Originally designed to meet the exacting requirements of the U.S. Navy, the SH-2G Super Seasprite has the highest power-to-weight ratio of any maritime helicopter, assuring a safe return-to-ship capability even in single-engine flight conditions.

It is the largest, most powerful small ship helicopter in use today and is recognized for its mission effectiveness, support, and unmatched performance. The SH-2G is currently operated by the Royal New Zealand Air Force, the Egyptian Air Force and the Polish Navy.

Its robust design, outstanding stability, and excellent reliability have been proven through more than 1.5 million flight hours.

The SH-2G is a multi-mission maritime weapon system designed to fulfill anti-submarine warfare (ASW), anti-surface warfare (ASuW), over the horizon targeting, surveillance, troop transport, vertical replenishment, search and rescue, and utility missions.

6 Squadron regularly supports the operations of other government agencies.

The SH-2G Super Seasprite are manufactured by Kaman Aerosystems a division of the aerospace segment of Kaman Corporation (NYSE:KAMN), which was founded in 1945 by aviation pioneer Charles H. Kaman and is headquartered in Bloomfield, Connecticut, USA.

## NAVAL AVIATION RNZAF No. 6 SQUADRON



## AIR CREW AND GROUND CREW

- The Navy's helicopters are crewed by Navy personnel and maintained by Air Force personnel.
- Navy pilots, trained by the RNZAF, fly and crew the Super Seasprite helicopters
- Navy Observers, trained by the Royal Australian Navy, manage the mission
- Navy Helicopter Loadmaster (HLM), trained with RNZAF crewmen at Ohakea, perform varied tasks onboard from rescue hoists to aerial photography, load lifting and vertical replenishment
- Technicians from the RNZAF maintain the helicopters and are required to go to sea onboard HMNZ Ships

## OPERATIONS

- Surface and underwater warfare operations
- Surveillance and reconnaissance
- Search and Rescue (day and night)
- Vertical and cross-deck replenishment (delivery services/logistics)
- Casualty evacuation
- Interception and boarding
- Counter-terrorism
- Humanitarian Aid and Disaster Relief
- Support for other government agencies, including Police, Primary Industries, Customs and Department of Conservation
- Pilot, observer and loadmaster training for the Navy



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