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## REPUBLIC OF KOREA NAVY

Clashes with North Korea warships in disputed waters continue on a regular basis despite a reduction in tensions between North and South.

### Operational activity

Intense patrol operations are undertaken by naval aviation aircraft.

### Procurement

The P-3C Orions were delivered from 1996 and have allowed elderly S-2 Trackers to be phased out. Rather than issue a long-awaited RFP for another eight P-3Cs, South Korea opted in July 2002 to acquire nine ex-USN P-3Bs and upgrade them.

### Fleet review

A second P-3 squadron is in the process of being formed to operate the second batch of aircraft.

Type	Active	Stored	Order/Req
<b>ISTAR/SPECIAL MISSION</b>			
P-3C Orion/P-3B	8		9/
<b>TRANSPORT</b>			
F406 Caravan II	5		/8
<b>COMBAT HELICOPTER</b>			
Lynx Mk99	24		
MD500M/ASW	25		
Bell 206B	2		
UH-60P	9		
<b>UNMANNED AIR VEHICLES</b>			
Shadow 400			

## REPUBLIC OF KOREA ARMY

The bulk of the South Korean army is deployed along the demilitarised zone with the North.

### Operational activity

Border patrol is a major activity of the army aviation and it also conducts regular exercises with US forces based in South Korea. The deployment of a 3,000-strong brigade of troops to Iraq in September 2004 was expected to include an aviation element.

### Procurement

The South Korean army plans to acquire attack helicopters, but the AH-X programme wavers between being funded and unfunded. Any decision, if there is to be one, has slipped, with no contract signature expected before the end of 2004. Seven companies were issued with a revised RFP in March 2000. Remaining contenders are the AH-1Z, AH-64D and Ka-52K. AH-X fortunes are closely linked to the indigenous KMH medium utility helicopter programme. Around 400 KMHs could be built to replace 250 MD500s and 150 UH-1Hs across all South Korean services. KMH devel-

opment will be led by the country's Agency for Defence Development.

### Fleet review

The South Korean army operates over 100 Black Hawks. Most are UH-60Ps licence-produced by Korean Air.

Type	Active	Stored	Order/Req
<b>COMBAT HELICOPTER</b>			
AH-1J/F Cobra	8/64		
CH-47D Chinook	28		
UH-60P/S-70-18	109		
UH-1H	140		
MD500MD/MD500TOW	130/45		
BO105			12/

## SPAIN

### EJERCITO DEL AIRE ESPAÑOL (AIR FORCE)

Spain participants in a wide range UN, NATO and EU sponsored peacekeeping missions.

### Operational activity

Spanish F/A-18 Hornets are on alert ready to reinforce NATO peacekeeping forces in the Balkans. The country's airlift element supports army peacekeeping detachments in Haiti, Afghanistan, the Balkans and elsewhere, including Iraq before the Spanish contingent was withdrawn during 2004. P-3 Orions are regularly deployed to support Spanish naval vessels on anti-terrorist patrol in Middle East waters.

### Procurement

Spain is a partner nation in the Eurofighter programme and will eventually receive 87 aircraft, armed with 250 Meteor and 700 IRIS-T air-to-air missiles. Deliveries of the first 20 have begun and it started forming its first squadron in October 2003. As an interim measure, the air force ordered 24 surplus Hornets from the USN in early 1995, which were all delivered by 1998, supplementing the 72 EF-18 Hornets delivered new in 1986-90. Some 67 Hornets are to receive an MLU, which will include the Litening targeting pod, and new navigation and communications systems. The first upgraded fighter flew in early 2002. A contract for the modernization of 18 SF-5Bs was signed in January 2003.

In 2001, the Spanish air force signed a deal for EADS Casa to update its Orion fleet; the first modified aircraft will be redelivered in September 2003. Spain is part of the pan-European A400M programme and ordered 27 examples in July 2000. Pillan and C101 trainers need replacing.

### Fleet review

In 1999, the air force opened the order book for the C-295, ordering nine aircraft, which will allow the phase-out of some of its C-212 fleet. The first was handed over in November 2001. In late 2000, Spain acquired two secondhand A310s to replace its 707 VIP transports and tankers. Conversion work is to be performed by EADS Casa.

Type	Active	Stored	Order/Req
<b>COMBAT AIRCRAFT</b>			
EF-18A (C15/CE15/C15A)	67/12/24		
Eurofighter	6		14/67
Mirage F1CEB/D/C/CE14	46	22	
RF-4C/F-4E (CR12)		14/27	
SF-5B (AE9)/SRF-5A (AR9)	21	3	
<b>ISTAR/SPECIAL MISSION</b>			
F27-200MPA (D2)	3		
P-3A/P-3B (P3)	2/5		
D3A/B/T12B (C-212-100/200)	9		
TE12B/TR12D/TM12D/ TR12A (C-212)		3/7/2/5	
707-320 (TM17)	1		
Falcon 20 (T11)/(TM11)	2		
CL-215T (UD13)	15		
Citation V (TR20)	2		
CL-215	14		
<b>TANKER</b>			
KC-130H (TK10)	5		
707-320 (TR17/TK17)	3/1		
A310	2		
<b>TRANSPORT</b>			
C-130H-30(T10/10L)	6/1		
CN-235-100(T19A)/ 100(T19B)		2/18	

T12B/C	48/5		
C-295	9/		
A400M	27/		
Dornier 27/Casa 127A	21		
Falcon 20 (T11)/(TM11)	1		
Falcon 50 (T16)/900(T18)	5		
Do27/Casa 127 (U-9)	21		
Beech C90	1		
<b>COMBAT HELICOPTER</b>			
SA330H/J Puma (HD19)	5		
Super Puma (HD21/HT21)	12		
AS332BM1 (HT21A)	4		
<b>TRAINING AIRCRAFT/HELICOPTERS</b>			
F33A Bonanza (E24A)	23		
C101B Aviojet (E25)	72		
T-35C Pillan (E26 Tamiz)	38		
S-76A Spirit (HE24)	8		
EC120 Colibri (HE25)	15		

## ARMA AEREA DE LA ARMADA ESPAÑOLA (NAVAL AVIATION)

Spain maintains a significant naval force and is one of four European navies to embark fast jet aircraft on a carrier.

### Operational activity

A surface vessel with embarked helicopters has been regularly deployed to the Middle East to operate alongside US naval forces on counter-terrorist missions.

### Procurement

The earlier AV-8Bs are being brought up to the B-Plus standard that includes AMRAAM and Penguin missile and Litening targeting pod compatibility. An upgrade of the SH-60B fleet is underway by Lockheed Martin.

### Fleet review

Spain's navy operates the aircraft carrier Principe de Asturias, with its air group normally comprising eight to 10 AV-8B/AV-8B-Plus and 10 helicopters. Two of these will be AEW-configured SH-3s, which gives the carrier an organic airborne radar, command and control asset; the other rotorcraft will be a mixture of SH-3s, SH-60Bs and AB212s.

Type	Active	Stored	Order/Req
<b>COMBAT AIRCRAFT</b>			
EAV-8B/EAV-8B+ (VA2)	5/8		
<b>TRANSPORT</b>			
Cessna Citation II (U20)	3		
<b>COMBAT HELICOPTER</b>			
SH-3H (HS9/SH9)	8/2		
SH-60B Seahawk (HS23)	12		
AB212ASW (HA18)	10		
<b>TRAINING HELICOPTERS</b>			
Hughes 300 (HS13)	10		

## FUERZA AEROMOVILES DEL EJERCITO DE TIERRA (FAMET) (ARMY AIR ARM)

The Spanish army's aviation branch is well equipped and has an ambitious modernisation plan.

### Operational activity

The Spanish contingent in Afghanistan was reinforced with four Cougars in September 2004. Two Super Puma and four UH-1H helicopters are deployed to support the Spanish contingent in Kosovo and more Super Pumas are in Bosnia with the NATO force there. Four AS532s were deployed to Iraq before the Spanish troop contingent was withdrawn early in 2004.

### Procurement

The Spanish army's air wing hopes to have two attack helicopter squadrons operational by 2010 and in September 2003 selected Eurocopter's Tiger under a \$1.5 billion deal. The CH-47s are being upgraded to D standard.

### Fleet review

Spanish army aviation is evolving its organisation to best employ its new attack helicopters and is to receive six Tigers from the French army to allow it to start training prior to the delivery of its production aircraft.

Type	Active	Stored	Order/Req
<b>COMBAT HELICOPTER</b>			
Tiger			24/
UH-1H (HU10)	51		
BO105ATH/A15/OC/H/E15	48	30	
AB212 (HU18)	6		