WORLD'S AIR FORCES

anti-drug airbase in the Peruvian jungle. Brazil has become a major supplier, following the acquisition of 30 Embraer EMB-312 Tucano trainers. In 1993, Peru ordered three EMB-110 Bandeirantes and one EMB-120 Brasilia for patrol and transport duties.
Peru was the first South American country to order Soviet equipment, buying Su-20 Fitters, An-26 Curls, Mi-6 Hooks and Mi-8 Hips in 1976. A second batch of Su-22s was bought in 1980. An-32 Clines replaced the An-26s in 1987, and 32 Mi-17 Hip transport helicopters were acquired in 1989-90. A batch of Y-12 light transports was ordered from China in August 1991. El Salvador sold Peru 12 Mi-17 Hips and Mi-24 Hind helicopter gunships for delivery in October 1992.

Type
Mirage 2000P/DP
Mirage VP/VDP
SU-20/22M/22U Fitter
Canberra B(l).68/B.52/56
Canberra 154
A-37B Dragonfly
MB.339AP
EMB-312 Tucano
T-41D
Cessna 150F
707-320C
L-100-20/30 Hercules
C-130A/D Hercules
An-32 Cline
DHC-5A Buffalo
DHC-6 Twin Otter
DC-8-62CF
FH-227
Y-12
EMB-120
F28 Fellowship 1000
Falcon 20F
Learjet 25B/36A
King Air 90
Queenair
PA-31T Cheyenne
Cessna 421
PC-6B Turbo-Porter
Cessna U206/185
Mi-24 Hind
Mi-6 Hook
Mi-8/17 Hip
Bell 412HP
Bell 212/214ST
UH-1H Iroguois
B0.105C/L
Bell 206B JetRanger
Bell 47G
AS.350B Ecureuil
Alouette III

No
10/2
14/2
32/16/4
20
2
26
13
30
14
4
1
5/3
3/2
20
13
18
2
1
6
1
1
1
2/2
3
13
1
1
12
1/4
23"
6
5/32*
2
11/5
12
18/6
11
12
3
2

Role
int/trng
int/attack/trng
attack/int/trng
attack
trng
COIN
trng
trng
trng
trng
tanker
trans
trans
trans
trans
trans
trans
trans
trans

patrol/trans
VIP
VIP

survey/calib
comms
comms
comms
comms

utility
liaison
attack
trans
trans
trans
trans •

utility
utility
trng
trng
liaison
liaison

Servicio Aeronaval de la Marina Peruana Fixed-wing maritime-patrol duties are performed by land-based S-2 Trackers. The navy also has a shipboard ASW capability provided by a fleet of AB.212ASWs operat-ing from frigates, plus Agusta SH-3 Sea Kings armed with AM.39 Exocets for anti-shipping missions.

Type
S-2E/G Tracker
EMB-110
T-34C Turbo-Mentor
C-130A Hercules
C-47 Dakota
Super King Air 200/200C
SH-3H Sea King
AB.212ASW

UH-1D Iroguois
Alouette III
Bell 206B JetRanger

No
7/4
3
6
2
5
6
8
6
6
2
8

Role
MR/ASW
patrol/trans
trng
trans
trans
comms

ASW/Anti-ship
ASW
utility
ASW/utility
liaison

Aviacion del Ejercito Peruana The Peruvian army air arm is principally a helicopter transport force, with the Mi-8 Hip as its mainstay.

Type
Queenair 65
Cessna 337
U-10A Courier
Cessna U-17A/150/206

No
1
1
5
5/1/2

Role
VIP

comms

liaison
liaison

Mi-6 Hook
Mi-8 Hip
Alouette III
SA.315B Lama/Alouette II
Bell 47G

2 heavylift
25+ trans
5+ A0P
7/1 A0P/SAR
6 liaison

PHILIPPINES

Philippine Air Force The Philippine Parliament is due to vote on the purchase of 18 Israeli Aircraft Indus-tries Kfir fighter aircraft by the end of November. The proposed deal is part of an $6 billion armed forces restructuring programme, with the Kfir part of the deal worth some $200 million. US Government approval for the sale has been given because the fighter is powered by a GE J-79-71E engine.
The Philippines has pledged to improve its air defences, starting with the upgrade of Northrop F-5s, following a decision by neighbouring Malaysia in June to buy 18 MiG-29s and eight two-seat F-18Ds.
The last ten of 24 Rockwell OV-10 Broncos were delivered in July 1992, and are operated by the 15th Air Strike Wing, at Sangley Point, Cavite, replacing AT-28D Trojans. A small naval air arm continues to operate its fleet of transport and liaison aircraft, while army helicopters are incorporated into the air force for operational purposes.

Type No
F-5A/B 14
OV-10 Bronco 24
T-33A/RT-33A 13/3
S.211 18
T-34A Mentor 12
SF.260M/W 35+
Cessna T-41D 12
F27 Maritime 3
HU-16B Albatross 4
C-130H/L-100-20 Hercules 3/2
F27 Friendship 200 7/1
C-47 Dakota 5
Nomad Mission Master 16
BN-2A Islander 23
Cessna U-17B 15+
Cessna 180/210/310 6/4/1
S-70A Black Hawk 1
Bell 212/214 1/2
UH-1H Iroguois 72
Bell 205A-1 15
Sikorsky S-76/AUH-76 2/13
MD-500 Defender 27
B0.105C 10

Navy
BN-2A Islander 4
B0.105C 4

Role
int/trng
COIN

trng/recon
trng
trng/COIN
trng/COIN
trng
MR

SAR (WFU)
trans
trans/VIP
trans (WFU)
utility
utility
liaison
liaison
trans/VIP
VIP/utility
utility
utility
SAR/C0IN
COIN
iaison

SAR/trans
SAR

POLAND
Wojska Lotnicze i Obrony Powietrznej Formerly an important part of the now defunct Warsaw Pact, Poland's air arms were the largest in the alliance besides those of the CIS. Even before the final demise of the Warsaw Pact as a military organisation on 1 • April, 1991, the Polish armed forces had begun a major restructuring to take account of the new political situation and the departure of the large Soviet garrison from the country. Procurement of military aircraft from the Soviet Union ceased with the delivery of 12 MiG-29s in 1989, and further Fulcrum batches then on order were cancelled. More recently Poland has begun tentative defence equipment discussions in the West but its severe economic problems are unlikely to allow early acquisition of new aircraft. Formed in 1990 as a result of the amalgamation of the Wojska Lotnicze (air force) and the Wojska Obrony Powietrznej Kraju (air defence force), the WLiOP still operates some 650 aircraft including more than 380 combat aircraft. Soviet organisational struc-tures are retained. There are 14 regiments of combat aircraft comprising six Air Defence (MiG/21/23/29/TS-11), three Fighter (MiG-21/TS-ll), three Fighter-Bomber (Su-22), one Reconaissance-Bomber (Su-20/ 22), one Tactical Reconaissance (MiG-21R) and two Fighting Helicopter (Mi-2/24). Three Operational Training regiments (MiG-17/21/TS-ll) complete the work of the two Air Training regiments (TS-11). A single Helicopter Training regiment operates Mi-2s. WLiOP organisation is completed by an Air Transport

regiment (An-2/12/26/28/IL-14), a Transport Heli-copter regiment (Mi-6/8/17/W-3 Sokol) and ten independent Transport and liaison squadron (An-2/ Mi-2). There are also five Anti-Aircraft Rocket Artil-lery brigades.

Type No
MiG-29A/UB Fulcrum 8/3
MiG-23MF/UM Flogger 28/4
MiG-21 PFM/M/MF Fishbed 144+
MiG-21 bis Fishbed 65+
MiG-21R/RF 27+
MiG-21UM/US Mongol ?
SU-20MK/22M-4K/22U-3M 20/86/14
Fitter
Lim-5/6 (MiG-17) 41+
Lim-2A/M (MiG-15UTI) 4+
I-22 Iryda 50*
TS-11 Iskra 95+
PZL-130 Turbo-Orlik 48*
An-12B Cub
An-26 Curl
An 28 Clod
An-2 Colt
11-14 Crate
Tu-154M Careless
Tu-134 Crusty
Yak-40 Codling
PZL 104 Wilga
Mi-24D/W Hind
Mi-8/17 Hip
Mi-6A Hook
Mi-2 Hoplite 100+
W-3 Sokol
* delivery in progress

1
26
3+
24+
6+
2
?
12
15+
29
20+/5+
2
?
3+

Role
int/trng
int/trng
int/FGA/trng
int
recon

trng
recon/attack

trng
trng
trng/attack
tmg/attack
trng
trans
trans
trans
trans

trans (reserve)
VIP
VIP
VIP

liaison/utility
attack
trans

heavyl iff/trans
anti-tank/AOP/scout
iaison

Lotnictwo Marynarki Wojennej The land-based naval air arm consists of a single Special Aviation regiment, which operates a mixed fleet of helicopters and fixed-wing liaison aircraft. An ASW squadron flies Mi-14s and includes a flight of SAR helicopters.

Type
Lim-2A/M (Ml'G-15 UTI)
TS-11 Iskra
An-28 Clod
An-2 Colt
MM 4 PL/PS HAZE
Mi-2 Hoplite
W-3 Sokol

Jednostka Lotnickza Ministerstwa Spraw Wewne-trznych Based at Warsaw, the avaition unit of the Ministry of the Interior has been reduced from regiment size and now operates only 20 helicopters.

No
2+
2+
2+
8+
12/3
6+
2-

Role
recon

recon/trng
trans/SAR
trans/SAR
ASW/SAR
SAR/trans
SAR/trans

Type
Mi-8/17 Hip
Mi-2 Hoplite

No Role
12/1+ trans
7+ utility/trans

PORTUGAL

Forca Aerea Portuguesa Deliveries of 20 Block 15 F-16 A/Bs, with an operational capability upgrade, will commence in 1994. They will operate from Monte Real AB, A final agreement between Portugal and Germany has still to be reached for the transfer of 40 Alpha Jets to Portugal, to replace the T-38 Talons and its ageing Fiat G.91s still in service and its Lockheed T-33A trainers and T-37s, decomissioned in 1991 and 1992. The G-91s will be phased out by 1995.

Type
F-16A/B
G-91R-3/R-4/T-3
A-7P/TA-7P Corsair II
P-3P Orion
T-38A Talon
Epsilon . , ;•'
Fournier RF-10 '>
ASK21

DHC.1 Chipmunk h
C-130H/H-30 Hercules
C.212 Aviocar
C-212A Aviocar
Falcon 20
Falcon 50
Reims FTB337G

No
20*
24/21/9**
31/6
6
12
17
3
4
6
4/2
15
7
3
3
26

Role
int
recce/attack/trng
attack/int/trng
MP/ASW
trng
trng
trng (air academy)
trng (air academy)
glider tugs
trans/SAR
trans/SAR/trng/EW
survey/fish protn
VIP/calib
VIP
utility

FLIGHT INTERNATIONAL 24 - 30 November, 1993 67