For Sale: The Boeing Vertol - (Kawasaki) KV107 Quantity: 12 Units Delivery: Immediately Term of Delivery: FOB - Port of Jeddah, KSA. Term of Payment: 100% Advance payment. Inspection: To be provided by the buyer.



#### **Report Contents**

#### Part 1

General introduction to the Boeing vertol (KV107)

- 1. Introduction S. Capacity
- 2. Performance
- 3. Dimensions
- 4. Weights

#### Part 2

#### General Information of Kv107 IIA

- 1. Disruption
- 2. Kv107 IA Sm-1
- 3. Kv107 IA Sm-2
- 4. Kv107 IA Sm-3
- 5. Kv107 IA Sm-4

#### Part 3

#### Detailed information of each helicopter (Total of 12 units)

#### Aircraft side number 01

- 1. Aircraft side number 03
- 2. Aircraft side number 05
- 3. Aircraft side number 06
- 4. Aircraft side number 08
- 5. Aircraft side number 09
- 6. Aircraft side number 10
- 7. Aircraft side number 12
- 8. Aircraft side number 13
- 9. Aircraft side number 14
- 10. Aircraft side number 15
- 11. Aircraft side number 16

## Part 1

### **General Introduction**

#### to the

### Boeing Vertol (KV107)



#### 1. Introduction:

The Boeing vertol (Kawasaki) kv107 helicopter is a medium to heavy lift helicopter built by Japan's Kawasaki withheld manufacturing rights from Boeing since 1965. Total kv107 production approximately 650.

#### 2. Performance:

Max speed 270 km/h (148kt) initial rate of climb 1440 ft/min hovering ceiling out of ground effect (HOGE) 8800ft.

Range:

- a) Main fuel tanks (arprox. 250 miles).
- b) Main+ external fuel tanks 350.
- c) Main+4.
- d) Main+ external fuel tank + Internal fuel tank (more than 500 miles).

#### 3. Dimensions:

Fuselage length 13.59m (44ft 7in) Height 5.09m (16ft 9in) Rotor diameter (earth rotor) 15.24m (50 ft 0 in) Main rotor disc area (total) 364.6mz (3925-39ft)

#### 4. Weights:

Empty weight approx. 10.723 ib (4868kg). Max takes of weight 19000 ib (8618 kg).

#### 5. Capacity:

Flight Crew of two (pilot and copilot as a minimum) number of crewmembers will be increased depending on mission nature, for example (SAR) mission requires 4 crew members (Pilot, copilot, flight engineer, and rescue man).

Typical seating (troop seats) for 26 passengers or approx. 12 in airliner configuration.

### Part 2

### Detailed Introduction of the Boeing (KV107 IIA)



#### 1. Number of helicopters:

There are 12 KV 107IIA helicopters owned (Previously) owned by Saudi ministry of interion (MOI).

2. Disruption:

The KV107IIA is a win – turbine powered tandem rotor helicopter manufactured by Kawasaki heavy industries, LTD.

The description of the model KV107IIA-SM helicopters are as follows:

- 1 KV107IIA-SM-1 firefighting helicopter equipped with firefighting water bucket it is also provided with rescue hoist system.
- 2 KV107IIA-SM-2 Rescue and first aid helicopter it is equipped with rescue hoist and 3 Litters.
- 3 KV107 IIA-SM-3 VIP helicopter it is equipped for VIP transportation with VIP furniture including one sofa, two chairs, table lavatory, kitchen, camera 4 monitor.
- 4 KV107II SM-4 Ambulance helicopter it is equipped for transportation of sick/ injured persons from accident sites to nearest hospital or from hospital to another hospital.

## Part 3

### Detailed Introduction Of each helicopter



# KV107IIA-SM-1 Side Number - 01





Aircraft Side Number	01
Aircraft Serial Number	4115
Aircraft Type	KV107IIA
Aircraft Model	Sm-1
Date of manufacture	5 May 1978
Number of engines	2
Type of engines	CT58-IHI-140- 1M1
Total operating hours since new	6438.1hrs
Last flight	5 Sep. 2009
Special refresher in section carried out/date	Yes

Strategy Lug	
2 Hiller	

Aircraft Side Number	03
Aircraft Serial Number	4117
Aircraft Type	KV107IIA
Aircraft Model	Sm-2
Date of manufacture	5 Sep. 1978
Number of engines	2
Type of engines	CT58-IHI-140- 1M1
Total operating hours since new	
Last flight	
Special refresher in section carried out/date	Yes 19 May 1993



Aircraft Side Number	05
Aircraft Serial Number	4119
Aircraft Type	KV107IIA
Aircraft Model	Sm-1
Date of manufacture	17. Oct. 1978
Number of engines	2
Type of engines	CT58-IHI- 140-1M1
Total operating hours since new	
Last flight	
Special refresher in section carried out/date	Yes 31 Aug 1994



Aircraft Side Number	06
Aircraft Serial Number	
Aircraft Type	KV107IIA
Aircraft Model	Sm-1
Date of manufacture	
Number of engines	2
Type of engines	CT58-IHI- 140-1M1
Total operating hours since new	5267.4hrs
Last flight	8 Aug. 2008
Special refresher in section carried out/date	Yes 19 June 1992



Aircraft Side Number	08
Aircraft Serial Number	4124
Aircraft Type	KV107IIA
Aircraft Model	Sm-1
Date of manufacture	1979
Number of engines	2
Type of engines	CT58-IHI- 140-1M1
Total operating hours since new	5981. 8hrs
Last flight	26 Jan 2009
Special refresher in section carried out	Yes 30 Dec. 1993



Aircraft Side Number	09
Aircraft Serial Number	4125
Aircraft Type	KV107IIA
Aircraft Model	Sm-2
Date of manufacture	4 Oct. 1982
Number of engines	2
Type of engines	CT58-IHI- 140-1M1
Total operating hours since new	6586. Shrs
Last flight	31.10.2008
Special refresher in section carried out	No



Aircraft Side Number	10
Aircraft Serial Number	4126
Aircraft Type	KV107IIA
Aircraft Model	Sm-4
Date of manufacture	25Apr. 1983
Number of engines	2
Type of engines	CT58-IHI- 140-1M1
Total operating hours since new	4268. 2hrs
Last flight	31.10.2008
Special refresher in section carried out	No



Aircraft Side Number	12
Aircraft Serial Number	4128
Aircraft Type	KV107IIA
Aircraft Model	Sm-4
Date of manufacture	2 Nov. 1983
Number of engines	2
Type of engines	CT58-IHI- 140-1M1
Total operating hours since new	4900. 6hrs
Last flight	31.10.2009
Special refresher in section carried out	Yes 29 Aug 1998

Aircraft Side Number	13
Aircraft Serial Number	4129
Aircraft Type	KV107IIA
Aircraft Model	Sm-3
Date of manufacture	2.9. 1983
Number of engines	2
Type of engines	CT58-IHI- 140-1M1
Total operating hours since new	2529.3 hrs
Last flight	31.12.2009
Special refresher in section carried out	No



Aircraft Side Number	14
Aircraft Serial Number	4139
Aircraft Type	KV107IIA
Aircraft Model	Sm-1
Date of manufacture	5 Mar. 1984
Number of engines	2
Type of engines	CT58-IHI- 140-1M1
Total operating hours since new	7004. 5hrs
Last flight	31.12.2009
Special refresher in section carried out	Yes 29 Aug 1995

tou Stand
a litera

Aircraft Side Number	15
Aircraft Serial Number	4140
Aircraft Type	KV107IIA
Aircraft Modle	Sm-2
Date of manufacture	13 Mar. 1984
Number of engines	2
Type of engines	CT58-IHI- 140-1M1
Total operating hours since new	5646. 4 hrs
Last flight	6.12.2008
Special refresher in section carried out	No



Aircraft Side Number	16
Aircraft Serial Number	4141
Aircraft Type	KV107IIA
Aircraft Modle	Sm-4
Date of manufacture	12 Apr. 1984
Number of engines	2
Type of engines	CT58-IHI- 140-1M1
Total operating hours since new	2350. 8hrs
Last flight	24.3.2008
Special refresher in section carried out	No