# 2003 Bell 206B Jet Ranger III

Immediately Available – Not Airworthy
Serial Number: 4575 Registration: N206FW
Call For Pricing & Options - ASWI



- No Damage History
- Original Owner Fort Worth Police Department
- Always & Only Professionally Flown
- Always Hangared
- Impeccable Maintenance History
- All significant Engine Maintenance performed by Keystone Turbine Services/PAG
- Located at KFTW Ft Worth Meacham International Airport

### AIRFRAME:

Total Time: 14,425 Hours

Manufactured By: Bell Helicopter Textron Canada Ltd.

Model: 206B – Bell Jet Ranger III

Manufacturing Date:
Airworthiness Certificate Date:
December 2003
Entry Into Service Date:
March 2004

Serial Number: 4575
US FAA Type Certificate: H2SW
Canadian Type Certificate: H-92
Aircraft Identification Plate: CC-002534

### **ENGINE** – Original to Airframe N911FW – See Notes Page 4:

Make: Rolls Royce
Model: 250-C20J
Serial Number: CAE-270778
TBO: 3,500 Hours
Total Time: 24,516 Hours
Total Cycles: 30,499

Total Cycles: 30,499
Time Since Overhaul: 1,041 Hours
Engine Cycles Since Overhaul: 2,569

Turbine Time Since Overhaul: 1,743 Hours

Turbine Cycles Since Overhaul: 2,569

Engine Status: CAE-720778 was removed from N911FW in May 2022 to go to

Keystone/PAG for an HMI and N206FW's engine CAE-270932 was 'loaned' to N911FW where it is now. Both Aircraft were then retired from service and Engine CAE-270778 has remained stored, without

preservation.

#### **AVIONICS & PANEL:**

- Garmin GNC-420A GPS & 16 Watt 760 Channel Transceiver COM 1
- Bendix/King KY-196A 16 Watt 760 Channel Transceiver COM 2
- Garmin GTX-345 Transponder w/ADS-B In & Out
- Canyon AeroConnect AMS-44 Dual Channel Audio Controller
- Diamond J Analog/Digital Turbine Outlet Temperature Exceedance Indicator/Recorder
- Diamond J Analog/Digital Engine Torque Exceedance Indicator/Recorder
- Davtron M655 5-Function Display
- Davtron M800 Chronometer
- Datcon Hour Meter
- Lone Star Aviation Cyclone 21 CRB-122253 Avionics Cooling Fan
- Pilot & Copilot XMIT & ICS Cyclic Switches
- Avionics Master Switch

### **INTERIOR**:

- Air Comm Air Conditioning Model 206EC-201-3 w/Dual Fwd & Aft Evaporators/Blowers
- Air Comm Bleed Air Cabin Heating & Windshield Defroster
- Rotor Brake
- Sound Proofing
- Dual Controls
- Tech-Tool Plastics Crew & Passenger Floor Protectors

### AIRFRAME:

- Dual Halogen Landing Lights
- Whelen A650PR/PG Stabilizer Anti-Collision Strobe Lights
- Bristol Aerospace Upper Wire-Strike Kit
- Avibank Ball-Lok Quick Release Door Pins
- Tech-Tool Plastics LH & RH Fwd Door Windows w/Vertical Slides\*
- Tech-Tool Plastics LH Aft Door Window w/Horizontal Slide Photo Window\*
- Tech-Tool Plastics RH Aft Door Wedge Window w/Horizontal Slide\*

- AAI LH & RH Chin Bubble Windows\*
- AAI LH & RH Windshield & Skylight Windows\*
   \*All Glass is Excellent Condition & Clear
- AAI High Skid Gear
- Skid Gear FlightSteps
- Left Side Flush Maintenance Step

## ENGINE:

- Facet Engine Oil Filter
- Particle Separator

## **STATUS OF SIGNIGICANT COMPONENTS**:

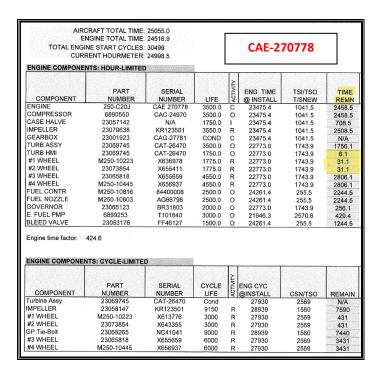
Retirement Items Time	Hours		Overhaul Items Time	Hours	
Remaining <u>:</u>	Remaining:	%	Remaining:	Remaining:	%
Main Rotor Blade	513.3	10.3	Starter Generator Overhaul	302.5	30.3
Main Rotor Blade			Freewheel Assembly		
Main Rotor Grip	513.3	10.3	Main Driveshaft	1,513.5	50.4
•	400.2	8.3		574.4	19.1
Main Rotor Grip	400.2	8.3	Hydraulic Servo Actuator	189.7	94.7
Main Rotor Trunnion	2,352.3	49.0	Hydraulic Servo Actuator	189.7	94.7
Main Rotor TT Strap x 2 (Hrs)	178.9	14.9	Hydraulic Servo Actuator	189.7	94.7
Main Rotor TT Strap x 2 (Cal)	-19.4	OD	Hydraulic Pump	189.7	94.7
Main Rotor Latch Bolt	284.2	11.4	Main Rotor Hub Assembly	179.9	7.5
Main Rotor Latch Bolt	284.2	11.4	Main Rotor Mast Assembly	1,738.2	57.9
Main Rotor Fitting	184.2	7.7	Transmission Assembly	238.2	15.9
Main Rotor Fitting	184.2	7.7	Swashplate	4,773.9	99.5
Main Rotor Pin	284.2	11.4	Tail Rotor Gearbox Assembly	3,574.4	59.6
Main Rotor Pin	284.2	11.4	Tail Rotor Hub Assembly	1,273.4	50.9
Swashplate Support	4,773.9	99.5			
Swashplate Sleeve	14,373.9	99.8	Engine Items Time Remaining	CAE-270778	
Collective Lever	4,773.9	99.5			
Collective Idler Link	4,773.9	99.5	Compressor	2,458.5	70.2
Lower Collective Tube	4,773.9	99.5	Impeller	2,508.5	70.7
Freewheel Clutch	1,738.2	57.9	Turbine Hot Section	6.1	0.3
Tail Rotor Blade	3,773.4	75.5	1st Stage Turbine Wheel (Hrs)	31.1	1.8
Tail Rotor Blade	3,773.4	75.5	2nd Stage Turbine Wheel (Hrs)	31.1	1.8
Tail Rotor Yoke	1,273.9	25.5	3rd Stage Turbine Wheel (Hrs)	2,806.1	61.7
Hydraulic Servo Support	5,574.4	55.7	4th Stage Turbine Wheel (Hrs)	2,806.1	61.7
Tail Rotor Gearbox Bearing	574.4	19.1	Governor Overhaul	256.1	12.8
			Fuel Nozzle Overhaul	2,244.5	89.8
			Fuel Pump Overhaul	429.4	14.3
			Fuel Control Overhaul	2,244.5	89.8
			Bleed Valve Overhaul	1,244.5	83.0

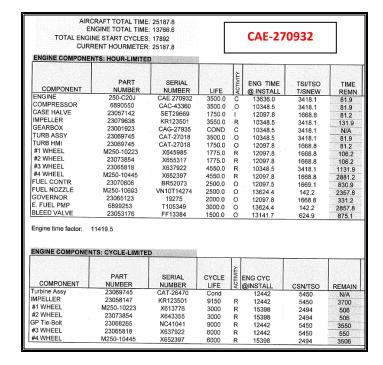
## **Special Details Regarding Engines**

N911FW's Original Engine is Serial Number CAE-270778 N206FW's Original Engine is Serial Number CAE-270932

N911FW's Original Engine CAE-270778 was pulled in May 2022 to go to Keystone/PAG for an HMI, and the Engine from N206FW - CAE-270932 — was removed from N206FW and was installed on N911FW as a loaner. Shortly thereafter, it was decided that both N911FW and N206FW would be retired from service. N911FW's Original Engine - CAE-270778 — was placed on an engine stand and it has remained there — without preservation — since May 2022. A recent Estimate from PAG to HMI & Return to Service CAE-270778 was \$95,000.00. A recent Estimate from PAG to Overhaul Engine CAE-270932 that is now on N911FW was \$175,000.00

These are from the Component Status Reports for the Engines:





## SEE PAGE 57 FOR ALSO CONCURRENTLY AVAILABLE:

1996 Bell 206B Jet Ranger III Serial Number: 4420 Registration: N911FW



## **SPECIAL NOTES:**

This Aircraft was decommissioned and is in a state of partial disassembly. It is not - and will not be - a candidate for a Ferry Permit. No work may be performed on the Aircraft other than that required to make the Aircraft suitable for loading and shipping.

The 'N206FW' Registration WILL Transfer with Aircraft.

Any and all law enforcement and/or Agency Identification, markings, logos, must be removed or obliterated to the satisfaction of Seller and accomplished by and at the expense of Purchaser prior to taking delivery.

Law Enforcement/ISR Equipment listed below or seen in photographs in this Offering is NOT included with the Aircraft. The Law Enforcement/ISR Equipment is *potentially* available to qualified law enforcement agencies, and only subsequent to a separate negotiated Agreement. Law Enforcement equipment may -or may not - include the following:

- Wescam L3 MX-10 Thermal Imaging Camera
- Technisonic TDFM-7000 Multiband P25 Airborne Multi-Band Law Enforcement Radio
- LaserDyne 12" Black Opal RMU12HX Flat Panel Display Monitor
- LE 5000 Retractable/Stowable Keyboard
- Dual Copilot Side Treadlite II Foot Switches (L = ICS R = Radio)
- Dual Aft LH Treadlite II Foot Switches (L = ICS R = Radio)
- Single Aft RH Treadlite II Foot Switch (ICS only)
- Northern Airborne Technology AEM AA22-160 PA Public Address System
- Avalex Digital Video Recorder
- Astron N2412-24 28VDC To 12VDC Converter
- Astron N2412-24 28VDC To 24VDC Converter
- Aero Pacific/Meeker AP407UM01 Aft Utility Mount for NOT INCLUDED SX-16 NightSun
- Texas Aviation Services Forward Dovetail for NOT INCLUDED Wescam
- AeroComputers X3 Digital Video Recorder
- AeroComputers LE5000 Utilichart (INCOMPLETE)
- Global Microwave Systems Equipment & Antenna (INCOMPLETE)
- Aeronautical Accessories Forward Quick Mount Dovetail Kit for NOT INCLUDED Wescam
- PTCZA-E Lojack System Airfilm Camera Systems DT-1 Mount
- Lo-Jack Quad Antennas

#### NOTE TO PROSPECTIVE BUYERS:

The Aircraft is currently owned and operated by the *City of Fort Worth Police Department*, Ft. Worth, Texas. They run a 24/7/365 very active law enforcement flight department, and consideration for that must be given. Every serious prospective **Purchaser** will be provided every opportunity to conduct a preliminary cursory Inspection of the **Aircraft** by appointment only. However, a serious prospective **Purchaser** will be defined as someone that has a) submitted a formal written & executed **Offer Letter**, with a **Purchase Price** that has been preliminarily **Accepted** by **Seller**, and b) **Purchaser** has then subsequently placed a fully refundable **Deposit** with *Insured Aircraft Title Service*, *LLC*, in Oklahoma City in the Amount of \$50.000.00 (Fifty Thousand US Dollars).



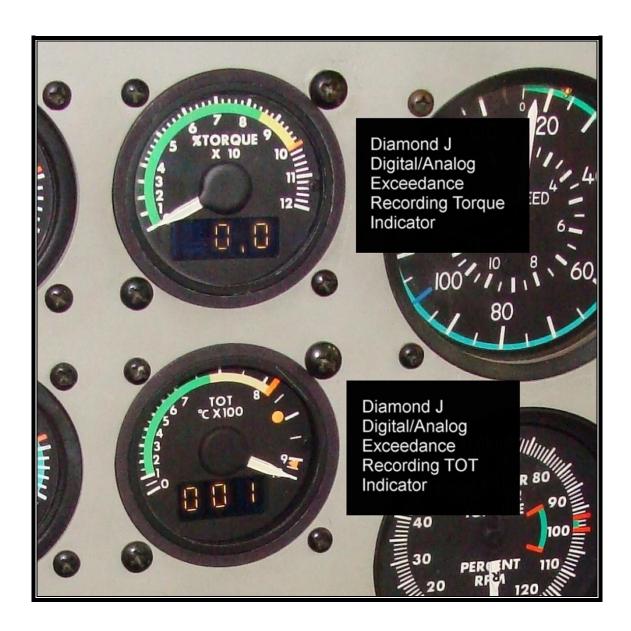




# **PANEL & AVIONICS**













# **INTERIOR**



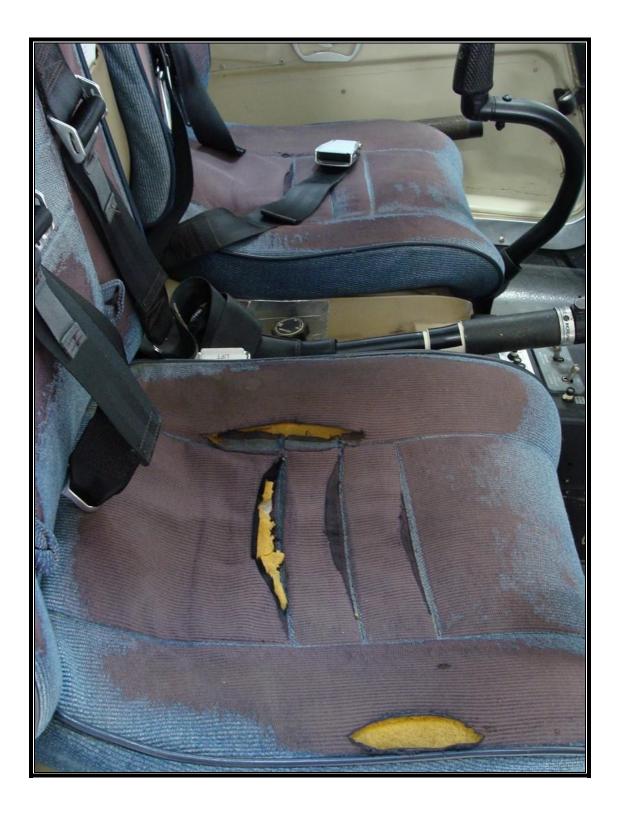


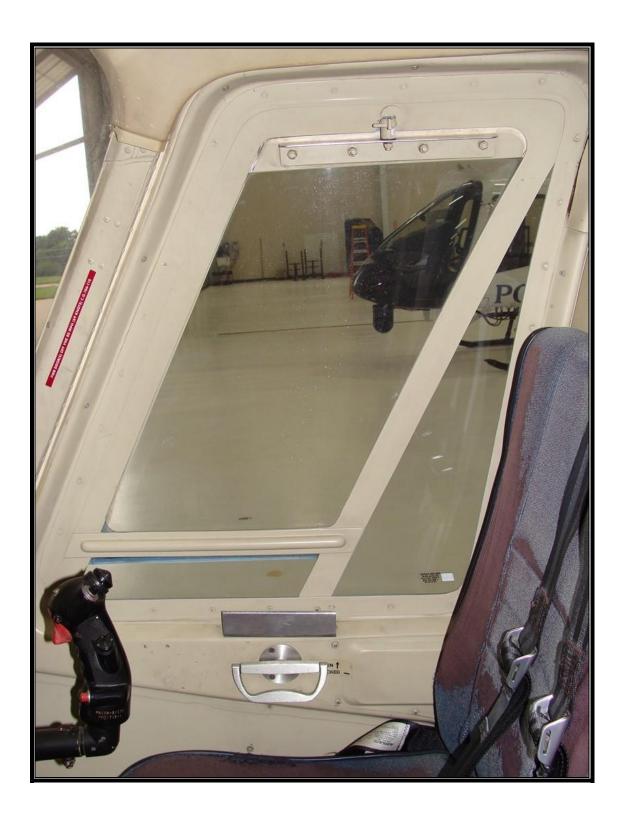


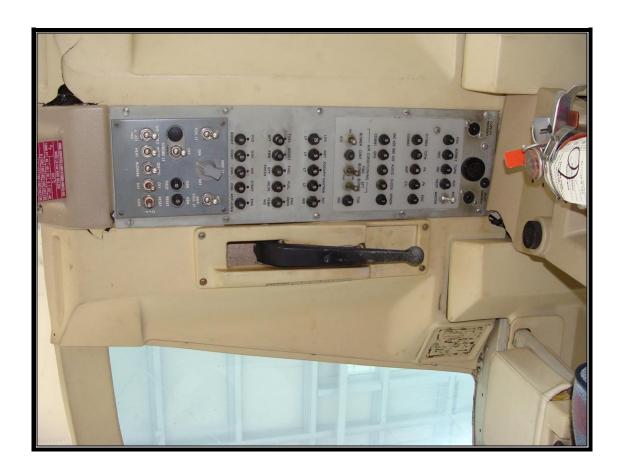






























# **EXTERIOR**







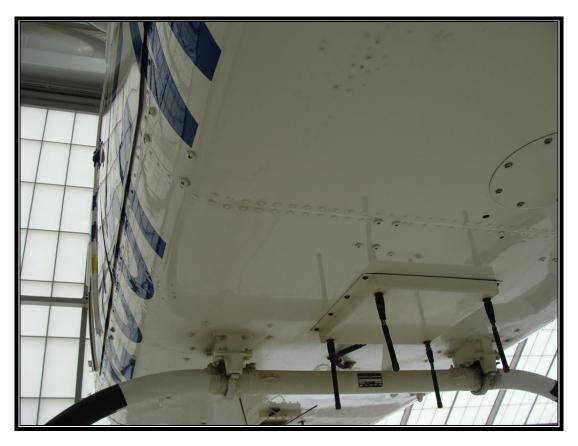




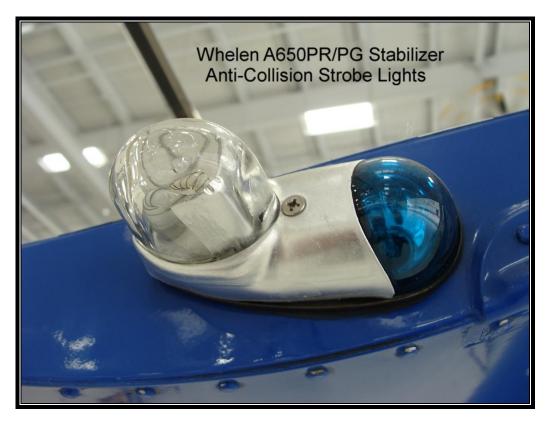


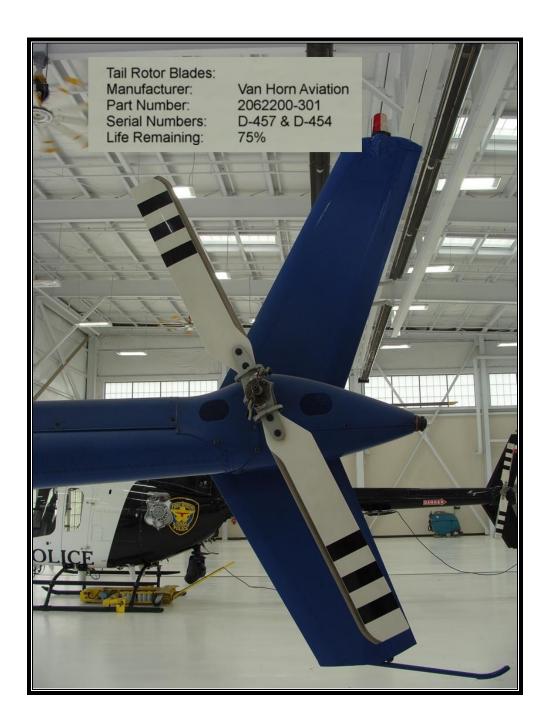








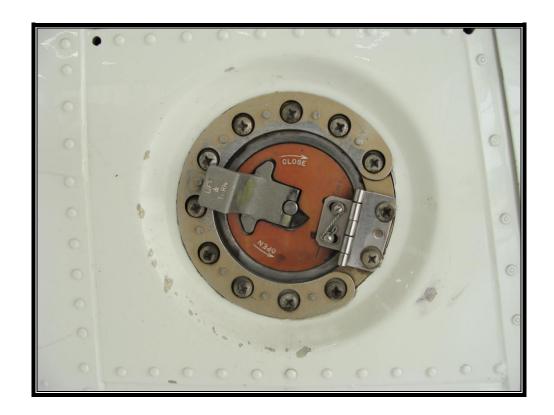




























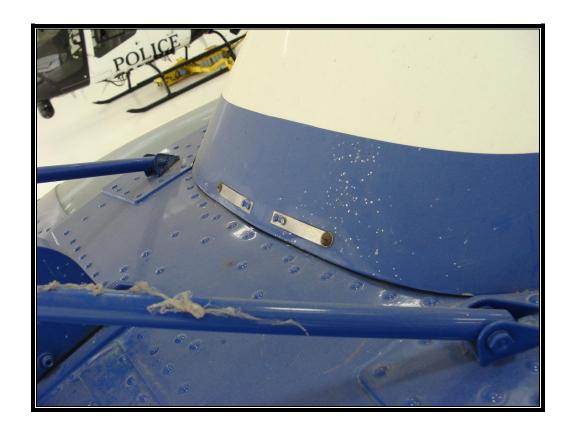




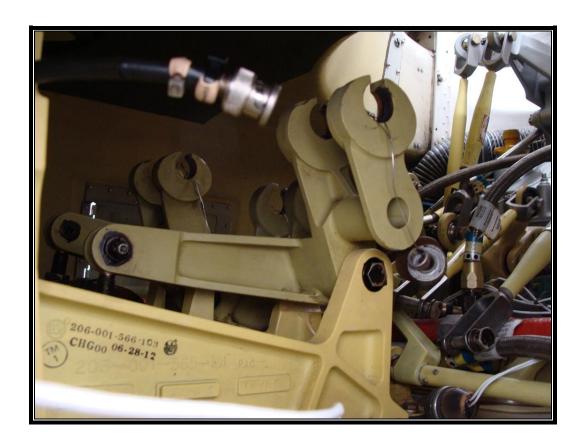


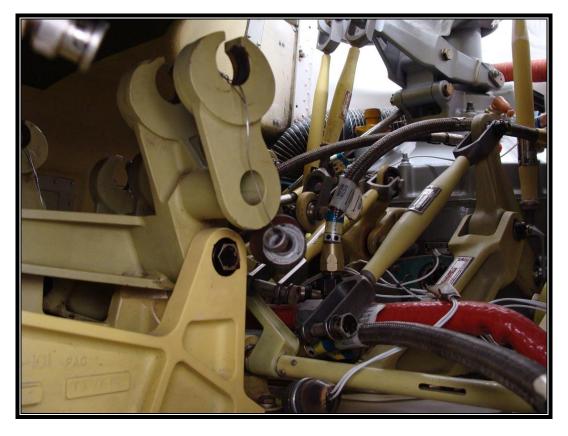


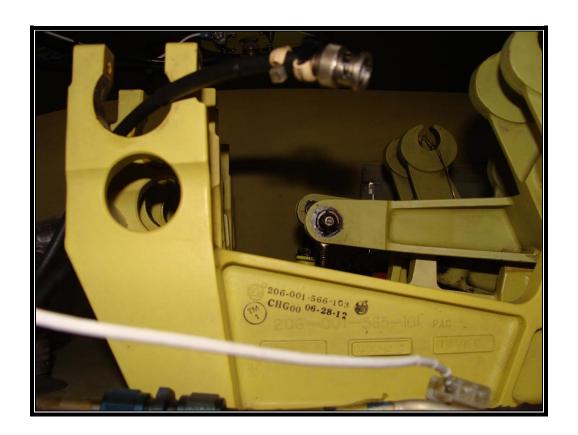


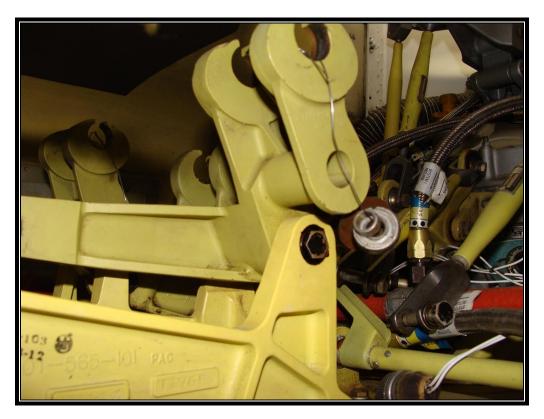






















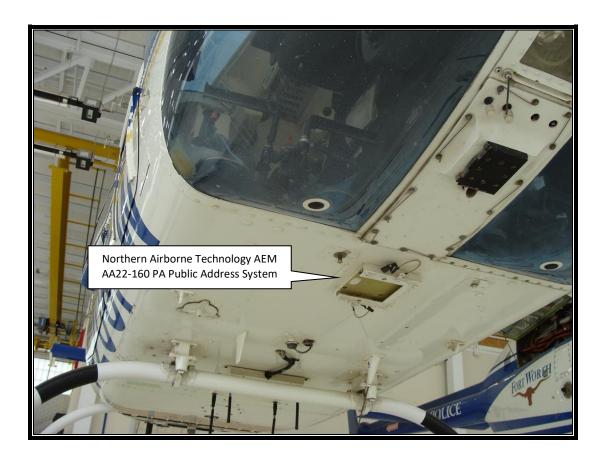




# POTENTIALLY AVAILABLE LAW ENFORCEMENT EQUIPMENT









# Provided Below: Canyon Audio Controller & Garmin GTX-345 & Bendix/King KY-196A

# Potentially Available Below: Technisonic TDFM 7000 & Avalex Digital Video Recorder













## DAMAGED SPECTROLAB MX-16 SEARCHLIGHT

## Wescam MX-10



### WESCAM's MX-10. Fully Digital. High Definition.

A Small, Multi-Sensor, Multi-Spectral Imaging System in a single LRU configuration.

Ideal for: Low-Altitude; Tactical Surveillance & SAR missions requiring low-weight

installation flexibility

Airborne Installations: Aerostat, Fixed-Wing, Rotary-Wing, UAV

#### **FEATURES & BENEFITS: MX-10**

#### Multi-Sensor Imaging/Lasing Payload Options

- . Supports up to 6 payload items simultaneously
- · HD thermal, HD daylight and low-light cameras provide 24/7 imaging
- . Continuous zoom IR and EO
- · High-magnification spotter
- · High-sensitivity color low-light imaging
- · Eyesafe laser rangefinder
- · Laser illuminator in choice of narrow or wide divergence

#### **High Performance Gimbal**

- · 4-axis stabilized turret with internal passive isolator for excellent stabilization performance
- · Sharp optics and excellent stabilization performance results in industry leading target detection, recognition and identification range performance in the 10" class
- . IMU mounted to optical bench for high target location accuracy
- . INS auto-align to aircraft

#### **Advanced Image Processing**

- · Real-time image enhancement on all sensors
  - High performance haze penetration
  - Improved feature recognition and ID
  - 2x. 4x Ezoom
  - Advanced video tracker with automatic target detection
- Imaging blending

#### **WESCAM Advanced Video Engine (WAVE)**

- · A high-performing embedded computing engine engineered to support advanced image-processing capabilities
- WAVE architecture includes a state-of-the-art graphics processing unit (GPU) enabling future advancements in image processing & surveillance automation

- Interface Flexibility

   Built-in video switch matrix provides multiple HD-SDI and analog video outputs
- · 720p or 1080p HD video
- . Wide range of data ports: RS-232/422, Ethernet, MIL-STD-1553B, ARINC429
- · All standard MX-Series command and control, moving map, searchlight, and radar interfaces

#### Ruggedness

- · Rugged aerospace grade aluminum structure
- · MIL spec environmental, EMC, and power quality qualification
- Built-in vibration isolator protects internal payload components
- · Rigorous environmental stress screening (ESS)
- · Designed to minimize maintenance requirements and simplify repair

#### **Simplified Aircraft Integration**

- · 38 lb turret
- · Electronics unit inside the turret
- · Ruilt-in vibration isolation
- · Built-in GPS receiver
- · <14" turret height for better ground clearance
- · Compatible with standard quick disconnect
- · Side mounted connectors for recessed
- . No calibration required for LRU swapout

See our products in action on You Tube Search:

- · MX-10 Product Video
- · Homeland Security



WESCAM



### Product updates include:

- HD Thermal Imager
- High Sensitivity Color Imagers
- Advanced Video Tracker (AVT)
- Embedded Moving Target Indicator
- Pseudo Color IR
- WAVE Technology





Pseudo Color IR



WESCAM's EO/IR/Laser Systems

wescam.com



## **MX-10**



#### PAYLOAD SPECIFICATIONS - SELECT UP TO 6 IMAGING & LASER SENSORS

Sensor #1a - Thermal Imager:

Type: Resolution: 3-5µm staring array 640 x 512

Fields of View: 30.0° to 1.8°, Continuous Zoom

Sensor #1b - HD Thermal Imager: 3-5µm staring array Resolution: 1280 x720

Fields of View: 30.2° to 2.9°, Continuous Zoom

Sensor #2 - Daylight Continuous Zoom:

Type: Resolution: CMOS 1920 x 1080 Fields of View: 31.2° to 1.2°

Sensor #3 - Low Light Continuous Zoom:

Electron-multiplied CCD (Mono) Type: Resolution:

640 x 480 Fields of View: 40.8° to 2.38°

Sensor #4 - Daylight Spotter: CMOS

Resolution: 1920 x 1080 Fields of View: 0.61°

Sensor #5 - Laser Rangefinder (LRF):

Laser Type: Diode Pumped (Class 1), Eyesafe

Wavelength: 1.54µm Range: 20km max.

Sensor #6a - Laser Illuminator<sup>1</sup>, Narrow:

(NVG Compatible)

Laser Type: Diode - (Class 3B) Modes: Continuous, Pulsed Wavelength: 852nm

or

Sensor #6b - Laser Illuminator1 Wide: Diode - (Class 3B) Laser Type: Modes: Continuous, Pulsed

Wavelength: 852nm

Additional MX-10 Features:

IMU: Mounted on optical bench AutoTracker: Embedded (option) **GPS Receiver:** Embedded (option)

Moving Target Indicator:

Embedded (option)

#### Notes:

- 2x. 4x Ezoom is available to increase magnification
- . 720p FOVs. Consult factory for 1080p and analog FOVs
- All FOVs are horizontal

## **WESCAM MX-10** WESCAM Options Displays WESCAM Kinetic Electronics Unit 3 **GPS Antenna** Search Light Mission Compute

Equipment described herein may require Canadian and/or U.S. Government authorization for export purposes. Diversion contrary to Canadian and/or U.S. law is prohibited.

#### SYSTEM SPECIFICATIONS

#### MX-10 Turret

<38 lbs / 16.8 Kg (all sensors) 10.24"(D) x 13.98"(H) 260mm (D) x 355mm (H)

MIL-STD-704E, 28 VDC, 10 Amps max., 4 Amp steady state

#### Hand Controller Unit (HCU)

2.2 lbs / 1.0 Kg 4.25"(W) x 8.97"(L) x 3.00"(D) 108mm (W) x 228mm (L) x 76mm (D) Powered by turret, 5 W max.

#### Cables

Consult factory for available variants

Environmental MIL-STD-461F, MIL-STD-810FG

#### TURRET SPECIFICATIONS:

#### Line-of-sight Stabilization

Typically < 15 μrad, fixed wing < 20 μrad, rotary wing

Consult factory for performance under specific

vibration conditions

#### Stabilization and Steering

(2) Axis Inner (pitch/yaw) (2) Axis Outer (azimuth/elevation

#### **Vibration Isolation**

(6) Axis Passive (x/y/z/pitch/roll/yaw)

Azimuth Coverage: Continuous 360°

Elevation Coverage: +90° to -120°

#### STANDARD INTERFACES:

Video Outputs: 3 Digital & 4 Analog simultaneously Digital Video: SMPTE 292M, 720p or 1080p Analog Video: NTSC or PAL

Communication: MX-Hand Controller

#### OPTIONS:

Interfaces Types: **Functional Interfaces:** Moving Map Remote Control RS-232 MIL-STD-1553B Searchlight Radar Ethernet

Microwave/Data Link Aircraft INS/GPS Metadata

Other: Controller: Autotracker MX Mission Grip

Service Stand **Dovetail Adaptor** Quick Release Adaptor







WESCAM has a policy of continuous product improvement. Specifications are therefore subject to change without notice.

Inquiries: 1 800 668 4355 sales.wescam@L3T.com

## **ALSO CONCURRENTLY AVAILABLE:**

## Request & See N206FW Full Specifications

## 1996 Bell 206B Jet Ranger III

Immediately Available - Not Airworthy
Serial Number: 4420 Registration: N911FW
Call for Pricing & Options - ASWI



- No Damage History
- Original Owner Fort Worth Police Department
- Always & Only Professionally Flown
- Always Hangared
- Impeccable Maintenance History
- All significant Engine Maintenance performed by Keystone Turbine Services/PAG
- Located at KFTW Ft Worth Meacham International Airport

### AIRFRAME:

Total Time: 25,186 Hours

Manufactured By: Bell Helicopter Textron Canada Ltd.

Model: 206B – Bell Jet Ranger III

Manufacturing Date: July 1996
Airworthiness Certificate Date: August 1996
Entry Into Service Date: December 1996

Serial Number: 4420
US FAA Type Certificate: H2SW
Canadian Type Certificate: H-92
Aircraft Identification Plate: CC-000762

## This Aircraft Proudly Represented By:



For Any Additional Questions & Information please contact:

Dave Williams
Silver Hawk Aviation, LLC
Siesta Key, Florida
Mobile: (1) 941.376.1586

Fax: (1) 941.349.5982 david@silverhawkaviation.biz www.silverhawkaviation.biz

The preceding preliminary information is for discussion purposes only. The Offer for sale of this Aircraft is subject to contract and the Aircraft may at any time be withdrawn from the market without prior notice. Specifications provided here are subject change, correction, and to verification by the purchaser, and are not guaranteed for accuracy, and purchaser should rely on their own inspection as the Aircraft is sold "As is - Where is"

Silver Hawk Aviation, LLC offers the details of this Aircraft in good faith but cannot guarantee or warrant the accuracy of this information nor warrant the condition of the aircraft. A buyer should instruct his agents, or his surveyors, to investigate such details as the buyer desires validated. The Aircraft presented is offered subject to prior sale, price change, or withdrawal without notice.