



**NATIONAL GUARD BUREAU**  
1636 DEFENSE PENTAGON  
WASHINGTON DC 20301-1636

10 NOV 2011

NGB-ZA

MEMORANDUM FOR Assistant Secretary of Defense for Homeland Defense and Americas' Security Affairs (ASD(HD&ASA))

SUBJECT: Secretary of Defense (SecDef) Action Memo Regarding the Department of Homeland Security (DHS) Request for Continued Department of Defense Assistance to Support Enhanced Border Security Operations along the Southwest Border (SWB)

1. Your office has prepared a SecDef Action Memo recommending the approval of an option that extends up to 1,200 National Guard personnel on the border through June 30, 2012 and up to 300 personnel from July 1, 2012 through December 31, 2012.
2. My staff concurs with the recommendation and stands ready to support this option. The point of contact is MG David Harris at 571-256-7376 or (b)(6) @ng.army.mil. Thank you again for your continued support of the National Guard.

(b)(6) - OSD Withholding

- 2 Encls
1. Policy Coordination Sheet
  2. SecDef Action Memo, with recommended changes

CRAIG R. MCKINLEY  
General, USAF  
Chief, National Guard Bureau

UNCLASSIFIED

Policy Coordination Sheet

**Subject:** Department of Homeland Security (DHS) Request for Assistance (RFA) on the Southwest Border (SWB)

**Control Number:** OSD 12891-11

<u>Title/Organization</u>	<u>Name</u>	<u>Date</u>
PDUSDP		
USD(P&R)		
USD(C)		
OGC		
ASD(SOLIC&IC)		
ASD(PA)		
ASD(LA)		
JCS		
NGB	(b)(6) - OSD Withholding	10/20/11

UNCLASSIFIED

FOR OFFICIAL USE ONLY  
DRAFT

(b)(5) - OSD Withholding



Prepared by: LTC (b)(5) - OSD Withholding HDI&DSCA, (b)(5) - OSD Withholding

\*osd12891-11\*

FOR OFFICIAL USE ONLY  
DRAFT

FOR OFFICIAL USE ONLY  
DRAFT

(b)(5) - OSD Withholding



FOR OFFICIAL USE ONLY  
2



# *Southwest Border Mission Planning*

Col (b)(6)  
NGB-J33  
703-607-5505

(b)(6) [@ng.army.mil](mailto:(b)(6)@ng.army.mil)

12 January 2012

**DRAFT**

As of: 12 Jan 12 / 1200 EST  
(b)(6), NGB J33  
703-607-5505



# *Southwest Border Mission Planning*

- **5Jan12, NGB J3/7 led a meeting to finalize requirements for SWB extension through 31Dec12**
- **Final requirements are:**
  - **35 Criminal Analysts**
  - **1200 hours of aerial detection and monitoring (Tucson Sector (360 hrs), Laredo Sector (320 hrs), Rio Grande Valley Sector (320 hrs), and RC26 (200 hrs))**
- **RC 26 (200 hrs) support to Texas with a be prepared mission to Arizona if required**
- **Limiting Factors:**
  - **Plan for support not to exceed \$60M**
  - **Personnel not to exceed 300**



# National Guard Criminal Analyst Authorization

Cost: \$.289M per month

(b)(5) - OSD Withholding

[Redacted content]

# ARNG AVIATION DETECTION AND MONITORING (D&M) SUPPORT CONCEPT



(b)(5) - OSD Withholding

(b)(5) - OSD Withholding





# Aerial Detection and Monitoring Module

## Fixed Wing

Cost: \$0.464M per month  
\$4.64M for 10 months  
Provides 200 hours/month  
Requires (b)(5) - OSD  
Withholding

(b)(5) - OSD Withholding



- ❖ (b)(5) - OSD Withholding per month
- ❖ If made a priority, a 2<sup>nd</sup> platform will be available for up to 6 months

Cost: \$.928 per month  
Provides 400 hours/month  
Requires (b)(5) - OSD

\*All sourcing solutions require TAG release

(b)(5) - OSD Withholding



# Mission Costs Estimate-Running Total

(b)(5) - OSD Withholding

Month	200 hrs x RC-26 / 300 hrs x OH-58 / 700 hrs x UH-72						Total Monthly Cost	Total Cum
	CA/C2 PAX Cost	CA/C2 PAX Cum	AVN PAX Cost	AVN PAX Cum	AVN O&M Cost	AVN O&M Cum		
JAN	\$ 7,491,000	\$ 7,491,000	\$ -		\$ -		\$ 7,491,000	\$ 7,491,000
FEB	\$ 3,943,500	\$ 11,434,500	\$ 739,350	\$ 739,350	\$ 790,300	\$ 790,300	\$ 5,473,150	\$ 12,964,150
MAR	\$ 528,000	\$ 11,962,500	\$ 1,478,700	\$ 2,218,050	\$ 1,580,600	\$ 2,370,900	\$ 3,587,300	\$ 16,551,450
APR	\$ 528,000	\$ 12,490,500	\$ 1,478,700	\$ 3,696,750	\$ 1,580,600	\$ 3,951,500	\$ 3,587,300	\$ 20,138,750
MAY	\$ 528,000	\$ 13,018,500	\$ 1,630,800	\$ 5,327,550	\$ 1,892,100	\$ 5,843,600	\$ 4,050,900	\$ 24,189,650
JUN	\$ 528,000	\$ 13,546,500	\$ 1,630,800	\$ 6,958,350	\$ 1,892,100	\$ 7,735,700	\$ 4,050,900	\$ 28,240,550
JUL	\$ 528,000	\$ 14,074,500	\$ 1,630,800	\$ 8,589,150	\$ 1,892,100	\$ 9,627,800	\$ 4,050,900	\$ 32,291,450
AUG	\$ 528,000	\$ 14,602,500	\$ 1,630,800	\$ 10,219,950	\$ 1,892,100	\$ 11,519,900	\$ 4,050,900	\$ 36,342,350
SEP	\$ 528,000	\$ 15,130,500	\$ 1,478,700	\$ 11,698,650	\$ 1,580,600	\$ 13,100,500	\$ 3,587,300	\$ 39,929,650
OCT	\$ 528,000	\$ 15,658,500	\$ 1,478,700	\$ 13,177,350	\$ 1,580,600	\$ 14,681,100	\$ 3,587,300	\$ 43,516,950
NOV	\$ 528,000	\$ 16,186,500	\$ 1,478,700	\$ 14,656,050	\$ 1,580,600	\$ 16,261,700	\$ 3,587,300	\$ 47,104,250
DEC	\$ 528,000	\$ 16,714,500	\$ 1,478,700	\$ 16,134,750	\$ 1,580,600	\$ 17,842,300	\$ 3,587,300	\$ 50,691,550

❖ The Delta (\$9.3M) between the total number and \$60M will cover aviation bed-down costs, potential surge of ARNG aviation, and unanticipated end-of-mission cost.



# Backup Slides

As of: 12 Jan 12 / 1200 EST

(b)(6) NGB J33

703-607-5505

FOIA Requested Record #J-15-0035  
Released by National Guard Bureau  
Page 11 of 14

7

# OH-58A/C

Bell OH-58 Kiowa  
MAX Gross Weight 3200 lbs.  
Payload 760 lbs.  
Crew 1, Passengers 2  
Cruise airspeed 90 KIAS



### Thermal Imaging System/FLIR

New generation FLIR – 18x continuous zoom  
Day Color TV – 72x continuous zoom  
VCR Recording capability  
LCD Monitors – front/back seats  
Video Downlink interface

### LEA Compatible Radios

Emergency Services capable  
FM/VHF/UHF/800mhz  
Phone patch/Simulcast/Retrans



### Video Downlink System

Real-time intelligence EOC/TOC applications  
Range 20+ NM @ 1500' AGL  
Receiving station/briefcase size  
24VDC/115VAC/Bat power  
VCR Recording capability/Video output  
Web-based/Satellite applications capability



### Additional Special Mission Equipment

SX-16 Night Sun - 30 Million candle power  
GPS Nav/Radar Altimeter/Night Vision Systems  
High Skid Gear - unimproved surfaces/Aircraft deployable

EOIA Requested Record #J-15-0035  
Released by National Guard Bureau

# RC-26B

Fairchild SA-227 Metro 23  
 Pressurized Twin Engine Turboprop  
 1200NM Range  
 250KTAS Cruise  
 4-5 Hour Endurance  
 Pilot, Co-pilot and Mission System  
 Officer (MSO) - Title 32, 1 Law  
 Enforcement Agent Position w/ Full  
 Comms Access, 2 Additional  
 Passenger Positions



## Situational Awareness Display System (SADS)

Controlled from Mission System Officer (MSO) Position  
 Integrates Sensor Information with Street Level Maps, SAT Imagery & Aerial  
 Charts  
 Cockpit Display Unit

## Extensive Communications Suite

VHF/UHF – 2 each  
 1 HF 2.0-3.0  
 1 VHF-FM 29.9-960.0 MHz  
 1 Slot for 800 MHz radio  
 29.7 - 960Mhz Wulfsberg Radio  
 Air Phone, Crew and LEA Intercom

## Thermal Imaging System/FLIR

FLIR StarSAFIRE HD System  
 Electro-Optical with spotter Scope  
 InfraRed Imaging  
 Low-Light Imaging  
 Dual Video Recorders  
 Onboard Print Capability

## Full Motion Video Real Time Downlink

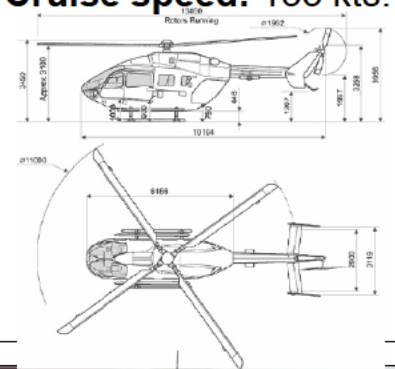
Dragon System  
 100+ NM Range with Base Station  
 80+ NM Range with Portable Receiver



FOIA Requested Record #J-15-0035  
 Released by National Guard Bureau  
 Page 13 of 14

# UH-72A

American Eurocopter  
 UH-72A Lakota  
 Max weight: 7,903 lbs.  
 Crew, 1 - 2 pilots  
 Cruise speed: 133 kts.



EO/IR -L3-Wescam MX15i

- FLIR
- Day Camera/Low Light TV
- Laser Pointer

Communications

- ARC-231
- 2 Wulfsberg RT-5000 w/ single control head to enable cross band comm.

Moving Map

Street Level and Topographic Interface with EO/IR Camera  
 GeoPoint capability

Digital Video Recorder

Internal record capability of 10 hours  
 32 GB compact flash card provides ~12 hrs record time

Full Motion Video

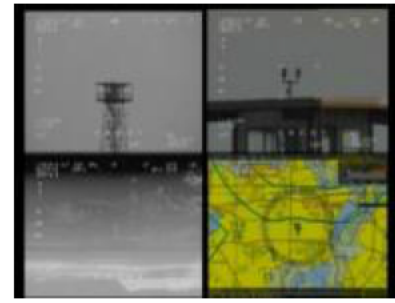
Real Time Video @ 30 fps  
 30 nm range at 1000'AGL

High Powered Illumination System

~ 43 million candlepower  
 Universal SLASS can slave light to EO/IR

Observer Console

- ≥15 inch Touchscreen Display
- Ability to mount a keyboard, track ball, EO/IR and Search Light controller



FOIA Request Record #J-15-0035  
 Release Authority: National Guard Bureau  
 Page 14 of 14

