



# YWP

## Air Combat & FMS

# Training Systems Division





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# **Air Combat and FMS** **Training Systems Division**

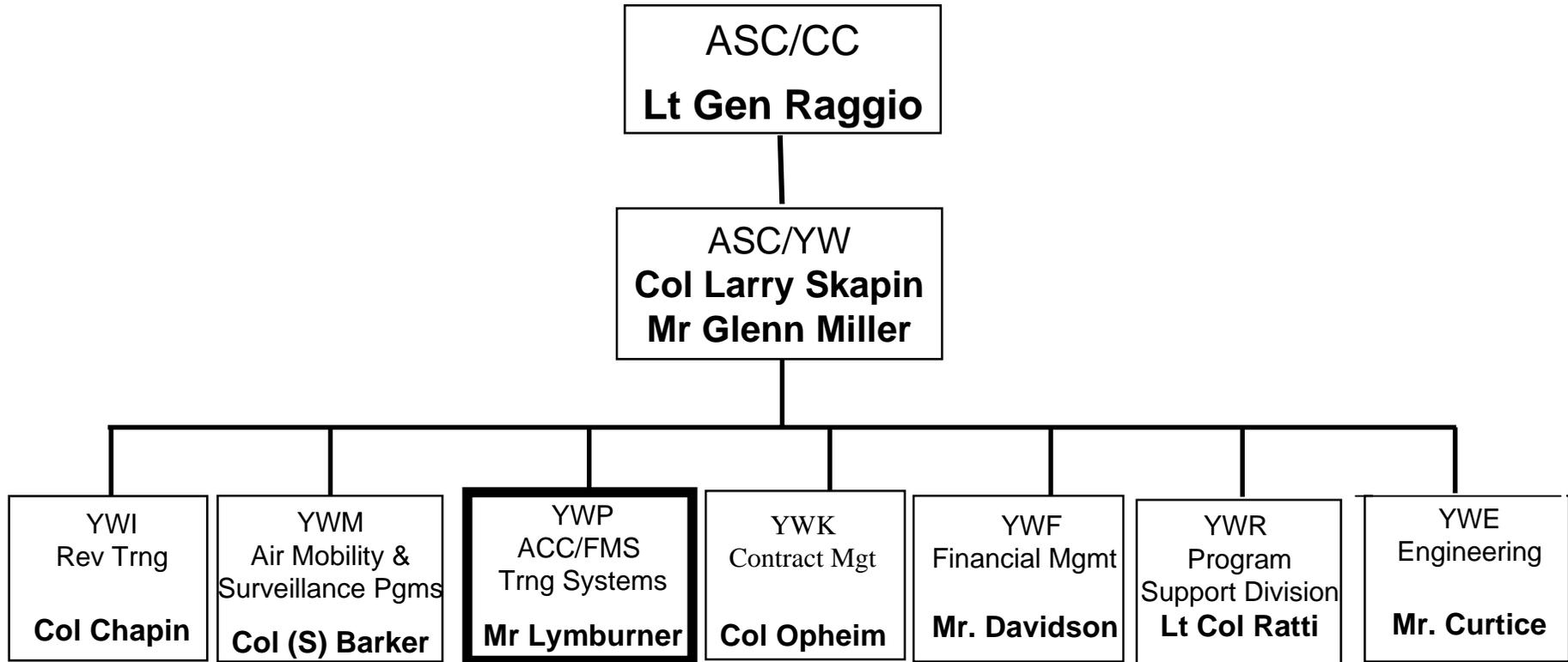
**Lt Col Scott O. Cummings**

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**[scott.cummings@wpafb.af.mil](mailto:scott.cummings@wpafb.af.mil)**



# ASC/YW Organization





# YWP Organization

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**Mr. Francis Lymburner**  
Division Chief

**Lt. Col. Jackson**  
Fighter  
Training Systems  
Branch Chief

**Mr. Rick Boyer**  
Bomber  
Training Systems  
Branch Chief



# Mission and Responsibilities

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**Manage the development, production, testing, integration, deployment, modification, and sustainment of combat aircraft training systems for our United States Air Force and Foreign Military Sales customers.**



# What We Do

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## Refine Requirements

- **Understand customer needs and translate those requirements into a system definition.**

## Acquire Training Systems

- **Develop acquisition strategy, prepare and award contracts, and manage the effort.**

## Life Cycle Support

- **Analyze long term support requirements, execute ICS plans, and procure CLS support.**



# Current Programs

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**YWP is currently managing four USAF and seven FMS case contracts:**

- **Value exceeds \$ 485 M**
- **54 aircrew trainers**
- **50 maintenance training devices**
- **Supports 5 TSSC's.**





# International Customers

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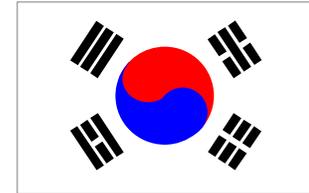
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Egypt



Greece



Korea



The Netherlands



Norway



Belgium



Jordan



Saudi Arabia



# Challenges

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- Shrinking Budgets
  - Jeopardizes system concurrency
    - Trainers are becoming obsolete, increases risk of negative training
  - Impairs ability to field new systems in a timely manner
- Rapidly Changing Technology
  - Affects spares planning
    - Diminishing manufacturing sources
    - Rapid obsolescence
  - Future growth must be planned around open architecture.



# B-1B Training Systems Business Potential

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- **Block F/G Upgrade**
- **Concurrency Upgrade**
- **Technology Updates for Simulator and Maintenance Training Systems**
- **CLS**
- **Competition: TSAT**
- **Solicitation Release: 2nd Qtr CY03**
- **Estimated value: \$ 80 M**





# Fighter Training Systems Business Potential

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## USAF F-15 Maintenance Training Devices

- **Strongest Candidates:**

  - **F-15C Avionics Trainer**

  - **F-15E Armament Trainer**

  - **F-15E Seat & Canopy Trainer**

  - **F-15E Wheel & Brake Trainer**

- **Est. 20 Unit Procurement**

- **Competition: TSAT**

- **Solicitation Release: Third Qtr CY03**

- **Estimated value : \$ 30 M + possible follow-on**





# Fighter Training Systems Business Potential

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## USAF F-16 Modular Simulated Aircraft Maintenance Trainer (MSAMT)

- **Avionics Suite**
  - Com / Nav**
  - ECM**
  - Fire Control**
  - Armament**
  - Flight Control**
- **Competition: TSAT**
- **Solicitation Release: Mid 2004**
- **Estimated value : Unknown**





# Fighter Training Systems Business Potential

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## Mid-Life Update (MLU) M3/4 Program (FMS)

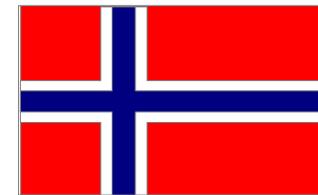
- **Will Support F-16 MLU Aircraft M3/4 Upgrade**
- **Competition: TBD**
- **Solicitation Release: 4th Qtr 2001**
- **Estimated value : \$ 30 M**



Belgium



The Netherlands



Norway



# Fighter Training Systems Business Potential

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<u>Device</u>	<u>Config.</u>	<u>Probability</u>	<u>Est. Value</u>
Full Mission Sim	Viper 2000	Low	\$ 10-14 M
Full Mission Sim	F-16 Blk 15 MLU	Low	\$ 10-14 M
UTD PV VI copy	PV V copy &/or	Mod.	Unknown
Full Mission Sim Part Task Trainer Flight Tng Eval System	Viper 2000	Low	Unknown
ATD	F-16 Blk 50	Low	\$ 13-17 M



# Finding Potential Business Opportunities

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**Detailed information about all ASC procurement activities can be found on the**

**Preaward Information Exchange System**

**(PIXS) home page:**

**[www.pixs.wpafb.af.mil](http://www.pixs.wpafb.af.mil)**

