



**U.S. AIR FORCE**

A blue-tinted background image showing various Air Force activities: a pilot in uniform on the left, a man in a suit in the center, and several military personnel in flight gear working on an aircraft on the right.

***Air Force Enhanced Use Lease Energy  
Industry Forum***

***Mr. Kevin Billings***  
***Deputy Assistant Secretary of the Air Force***  
***Environment, Safety, and Occupational Health***

***Integrity - Service - Excellence***

***We Exist to DOMINATE  
Air, Space and Cyberspace for America***

***The mission of the United States  
Air Force is to deliver sovereign  
options for the defense of the  
United States of America and its  
global interests – to fly and fight in  
Air, Space, and Cyberspace.***





**U.S. AIR FORCE**

# *Air Force FY06 Energy Use*

*The Air Force spent over \$7 billion for energy in FY06*

## **AVIATION**

- Total Sorties: 333K in FY06
- Total Fleet Size: 5,984
- Total Fuel Used: 2.6B gallons
- Total Fuel Cost: \$5.77B

**Aviation 81%**

**Facilities 16%**

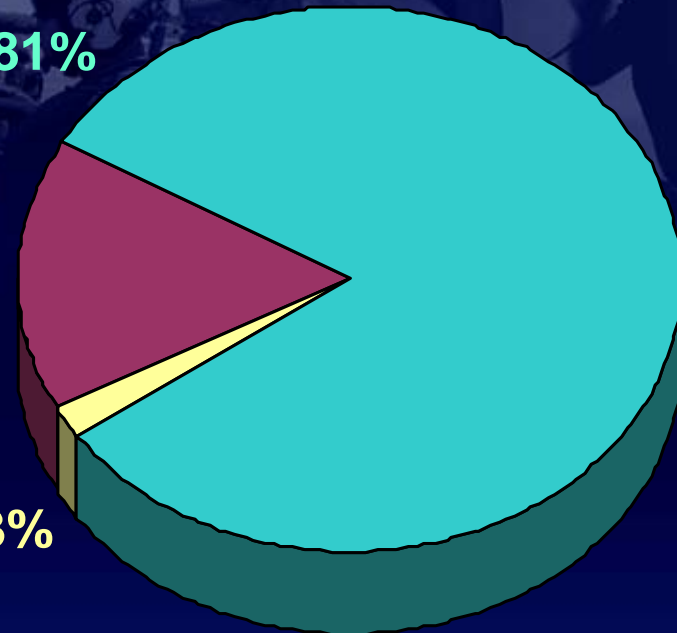
## **FACILITIES**

- Total Installations: 166
- Total Buildings: 16K
- Total Energy Used: 73M MMBTU
- Total Energy Costs: \$1.1B

**Vehicles 3%**

## **VEHICLES**

- Total Fuel Used: 119.1M gallons
- Total Fuel Costs: \$231.2M



Source: DESC FY06 Cost Data, AFTOC, Fuels Enterprise System & Defense Utility Reporting System, and VEMSO fuel reporting system



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# Global Oil Resource Map

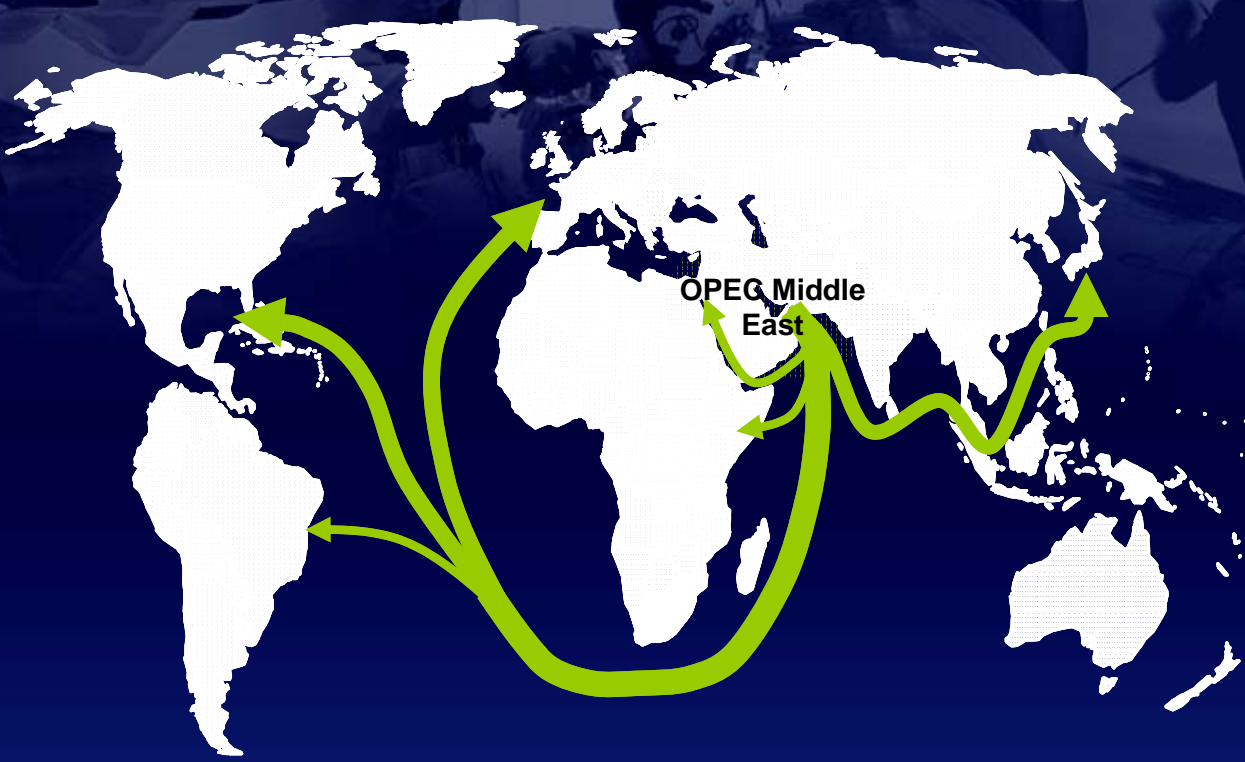
0 50 100 150 200 250 300

Proven / Recoverable Reserves  
(Billion Bbl)

Usbekistan  
 Australia  
 Malaysia  
 Canada  
 Kazakhstan  
 Algeria  
 Indonesia  
 Norway  
 Mexico  
 China  
 Nigeria  
 Libya  
 USA  
 Russia  
 Venezuela  
 Qatar  
 Iran  
 Kuwait  
 UAE  
 Iraq  
 Saudi Arabia



OPEC Flows of Crude and Refined Oil, 2005



OPEC Middle East

Sources: EIA World Natural Gas Reserves, BP Statistical Review Proven Oil Reserves, O&GJ Heavy Crude Reserves, US Geological Survey

*For too long our nation has been dependent on foreign oil.*  
-President George W. Bush, State of the Union, 23 January 2007

*Integrity - Service - Excellence*



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# ***Air Force Energy Approach***

## **Vision:**

***Make Energy A Consideration In All We Do***

## **Strategy:**

***Reduce Demand***

***Increase Supply***

***Change the Culture***

***Integrity - Service - Excellence***



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# *Overarching Principles*



*Integrity - Service - Excellence*