THE SVERDRUP MEDAL

Maj. Gen. Leif Sverdrup, USA

Outstanding contribution to engineering by a uniformed service member of The Society, age 35 or less.

Maj. Roy-Alan Agustin
Chief Planner, Programs Division
Headquarters, U.S. Air Force

Maj. Roy-Alan Agustin set new benchmarks in the Office of The Civil Engineer at Air Force headquarters and as the Air Force’s Liaison Officer to SAME. He revamped the Air Force Installations’ Readiness Report, making it a more accurate, meaningful tool by which to assess the readiness impact of facilities condition and to identify the cost to correct facility deficiencies. He spearheaded the reversal of proposed Program Budget Decision cuts, resulting in a gain of $80 million. He performed as a core team member in the development of the Department of Defense “Facilities Cost Factor Handbook,” selected by the U.S. General Accounting Office as a 2001 Best Business Practice in Real Property. As the Air Force liaison officer to The Society, he served as chairman of the Entertainment and Operations Committee for the Academy of Fellows 2001 Golden Eagle Awards Dinner and aided the working relationship between The Civil Engineer of the Air Force and SAME National headquarters.
America’s Air Force

Always There
What Airmen Do For America

The USAF provides our Nation with Rapid, Agile, & Tailored Air, Space, & Cyber options to Assure our Allies & Deter, Deny, & Defeat our Adversaries

American Airpower…

The greatest asymmetric advantage in modern warfare
USAFE-AFAFRICA/A4 Big Rocks

- **Mission Generation & Fight Now**
- **Africa Base Operating Support & Agadez**
- **Protect the Force & Dependents**
- **Set the Theaters—ERI, CUL, OCS, WALN**

200 Total Force A4 Staff Supporting…

- **10 Wings plus 83 GSUs**
- **218 Assigned & Tenant Unit Aircraft**
- **137 operating locations including 9 MOBs**
- **104 Nations Across 22M Square Miles**
- **4K Mx’rs/Ammo, 3K SF, 2K CE, 2K Loggies**
Current State of the Air Force

- **Insatiable demand for American Airpower**...& it will only increase
  - Leading global response against Violent Extremist Organizations in the Middle East & North Africa...still heavily engaged in Afghanistan
  - Facing a resurgent Russia & a rising China...watchful eye on North Korea, Iran & multiple hotspots around the globe

- We balanced risk to maintain an advantage...our competitors are closing the gap
  - Adversaries are using technology to negate our advantages & seize the initiative

- **38%** Active End Strength since 1991
- **37%** Aircraft Inventory since 1991, with an average age of 27 years

**Smallest, oldest, & least ready to meet tomorrow’s needs**
What We Are Doing

• Growing Active Duty End Strength to 321K in FY17, 324K in following years
• Developing & fielding advanced bombers, fighters, tankers & strategic missiles
• Building a more resilient space architecture
• Pivoting from communications-centric to cyberspace operations-focused force
• Fortifying our combat fighter squadrons
• Strengthening the Joint Force through multi-domain command & control

Balancing risk across the force to remain agile, flexible, & ready
Where We Need To Go

- Grow to at least 60 Combat Fighter Squadrons
- Invest in Nuclear Deterrence
- Modernize Space Systems

Increase to 350K Active Duty

Leverage Commercial Services & Build Cyber Operators

Shift to data-centric Cyber infrastructure

Grow to at least 60 Combat Fighter Squadrons

25% Excess Infrastructure

Modernize, Recapitalize & Reduce Facilities

Must invest an additional $20B per year
Biggest RED HORSE Troop Construction Project in History
Always There

In every mission, in every domain, in every location...

Airmen are essential to our Nation’s success