

TECHNOLOGY INTEGRATION CENTER



MISSION

LINEAGE

HQ 1842 Electronics Engineering Group established and activated, 1 Aug 1970
Redesignated Technology Integration Center, 1 Oct 1990

STATIONS

Richards-Gebaur AFB, MO
Scott AFB, IL, 30 Sep 1977

ASSIGNMENTS

Air Force Communications Service (later, Air Force Communications Command)
Engineering Installation Center (later, Engineering Installation Division), 1 Jun 1981
HQ Air Force Communications Command, 15 Jul 1986

COMMANDERS

Col Kenneth E. Chapman, 29 Nov 1970-Feb 1971
Col Harold E. Mercer, Aug 1971-Jan 1972
Col Donald A. Kaehlert, Mar 1972-Apr 1974
Col Durwood B. Williams, Oct 1974-Apr 1975
Col Kenneth S. Schroder, Sep 1975
Col Joseph J. Blum, 18 Jul 1977
Lt Col Fred E. Clare (Interim), 18 Jun 1979

Col Edward L. Callicotte, 24 Jul 1979
Col Gordon S. Bounds, 27 May 1981
Col John B. Barton, 22 Jul 1983
Col John J. Kotzun, 1 Feb 1989
Brig Gen Frederick A. Zehrer III, 1 Oct 1990

HONORS

Service Streamers

Campaign Streamers

Armed Forces Expeditionary Streamers

Decorations

Air Force Outstanding Unit Award
1 Jan 1983-31 Dec 1984
1 Jul 1987-30 Jun 1989

EMBLEM

The thirteen stars are symbolic of the United States of America. Each star represents one of the thirteen original colonies. The lightning bolt and gear are symbolic of electrical and mechanical engineering, the group's contribution to the security of the United States. The globe is symbolic of the earth and represents the organization's realm of responsibility.

MOTTO

OPERATIONS

Members of the 218 Engineering Installation Squadron erect one of a pair of 48-foot antenna towers at the 1842 Electronics Engineering Group's home at Scott AFB, Illinois. The equipment is part of the Meteor Burst communications testbed. Meteor Burst technology uses the trails of ionized electrons created when billions of meteorites enter the earth's atmosphere and burn up. These trails can be used to act as a propagation medium for very high frequency radio energy, with data transmitted in bursts being reflected by the electron trails to be picked up by a distant station.

USAF Unit Histories
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Sources
Air Force Historical Research Agency. U.S. Air Force. Maxwell AFB, AL.