

Hexagon

- Hexagon refers to what?
 - A series of reconnaissance satellites
 - The shape of a spy camera lens
 - The type of bolt head used on all NASA rockets
- A Hexagon Command Generation team was comprised of how many people?
 - A team of twelve led by a colonel
 - One major, two technical sergeants, and six airmen
 - Four junior officers
- What was another name for Hexagon?
 - Oscar
 - Big Bird
 - Byeman
- What was the launch site for all 20 of the Hexagon satellites?
 - Cape Canaveral
 - Area 52
 - Vandenberg Air Force Base
- Six remote tracking stations that beamed commands to the Hexagon satellite were located at: Vandenberg, CA; Boston, MA; Oahu, HI; Seychelles; Guam; and where?
 - Greenland
 - Cape Horn
 - Cape Verde
- How heavy was a Hexagon satellite?
 - The first weighed in at 1,852 lbs
 - Approximately 5,000 lbs
 - Approximately 30,000 lbs
- Which contractor made the sensor subsystem (cameras) for Hexagon?
 - Lockheed Missiles and Space Company
 - Itek Corporation
 - Perkin-Elmer
- What happened when a satellite did not fly over a remote tracking station?
 - The guidance officer fired thrusters to get the satellite back on track
 - It was a "dead rev" and the team got a three-hour break
 - The radar officer scanned the sky for debris
- What was a bent pipe procedure?
 - Coded commands bounced off a synchronous relay satellite, down to a remote tracking station, and up to Hexagon
 - Instructions to reorient the satellite toward a different ground antenna
 - Spooling photographic film

Answers:

- (A)
- (C) A mix of captains and first and second lieutenants
- (B)
- (C)
- (A) The call sign for Thule AFB in Greenland was POGO (Polar orbiting geophysical observatory)
- (C) It was 60 feet long, with a 10-foot diameter
- (C)
- (B) The satellite was in a polar orbit and couldn't receive commands
- (A)

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