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by Hans M. Kristensen

# B61-11 PROGRAM UPDATE

28 Aug 95

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-RCS-



**Purpose:** Provide update of current B61-11 program activities and highlight B-2 issues.

**Expected Outcome:** AQQ and AFPEO/ST concur that B-2 SPO actively support the program and provide guidance to ASC/YS

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# B61-11 History

- Dec 93: AQQS Quick Look Study
- Nov 94: B61-11, a B61-7 look-alike, concept developed
- Dec 94: AQQ, PEO/ST, XOF concurrence of B61-11 concept

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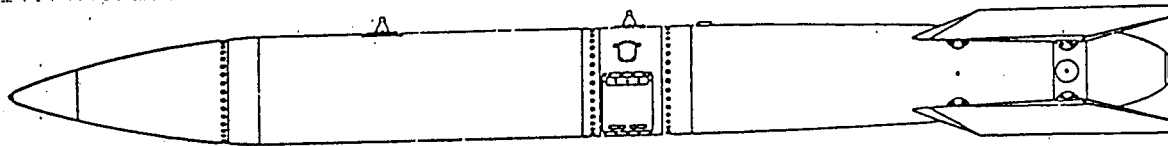
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# B61-11 Conceptual Design



B61-7  MASS PROPERTIES  
CALCULATED

MASS: 763.2 LBS  
XCG: 59.81 (FROM NOSE TIP)  
IXX: 15,641 ROLL  
IYY: 948,526 PITCH  
IZZ: 948,606 YAW

WR B61-7 MASS PROPERTIES  
FROM CD10080

MASS: 763±15 LBS  
XCG: 60.25±.50 (FROM NOSE TIP)  
IXX: 15,000±200 ROLL  
IYY: 819,000±25,000 PITCH  
IZZ: 819,000±25,000 YAW

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## B61-11 History (cont.)

- **Jan 95:** NWCSSC approves B61-11 concept
- **Feb 95:** NWC approves B61-11 concept
- **Jul 95:** DOE obtains Congressional approval to reprogram funds for B61-11 program
- **Jul 95:** ATSD(AE) tasks AQQ to implement B61-11 program
  - AQQ tasks B61 POG (SA-ALC/NWI) to lead effort
- **Aug 95:** SA-ALC/NWI hosts B61-11 Kick-off meeting



## B61-11 Teams

- **Executive Working Group (EXWG) - Chair: B61 LPO Ellsworth Rolfs, (NWI)**
  - NWI, SNL, DOE, LANL, AQQS, ATSD(AE), STRATCOM, ACC, FCDNA
- **Mission Analysis (MAWG) - Chair: Maj Dave Paselk (STRATCOM /J541)**
  - NWI, SNL, DOE, LANL, STRATCOM, B-2, ACC, FCDNA,
- **Maintenance & Logistics\* (MLWG) - Chair: Walter Lucantonio (SA-ALC/NWCP)**
- **Joint Test\* (JTWG) - Chair: Ken Villareal (NWI)**
- **Environmental\* (EWG) - Chair: Ken Villareal (NWI)**
- **Surety and Reliability\* (SRWG) - Richard Kreutzfeld (SNL)**
- \* Regular B61 POG Working Group



## B61-11 Kickoff Meeting Tasks and Issues

- **Established Working Groups and Charters**
- **Develop draft MC and STS - (EWG and MAWG)**
  - Verify target conditions with STRATCOM planners
  - Get reading from B-2 SPO on B61-11 “doability”
  - *1st Draft MC and STS by 1 Sept*
- **Draft classification guide - (EXWG)**
- **Develop B61-11 flight test prerequisites and schedule - (JTWG)**
- **Develop B-2/B61-11 certification requirements - (B-2, SRWG, AF Safety)**

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## Recommendation

- **MAD and AF PEO/ST provide direction authorizing B-2 SPO to support B61-11 program and engage contractor as required**

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8/28/95/bwm