

~~TOP SECRET~~CENTRAL INTELLIGENCE AGENCY
WASHINGTON 25, D.C.

FULCRUM/[]/AKINDLE

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9 Aug 64*MEMORANDUM FOR: Director, National Reconnaissance Office
SUBJECT : Addendum to Program B's
Fiscal Year 1965 Budget

1. The attached funding breakdown for projects FULCRUM, [] and AKINDLE should be considered as addendum to Program B's Fiscal Year 1965 Budget and included under line item "Advanced Systems."

2. As previously discussed with you, Project FULCRUM will require immediate funding of \$4.5 million to commence work on those tasks which the LAND PANEL has deemed as meriting particular attention, and which were identified to you in BYE-0163, dated 2 July 1964. The remainder of the \$54.3 sought in FY-65 for Project FULCRUM should be set aside for its use pending the outcome of the initial tasks now scheduled for six months. Until their completion, it is difficult to judge whether the entire \$54.3 can be judiciously committed in the current fiscal year; however, at this point in time, we prefer that this amount be earmarked for FULCRUM to prevent any delay in the program should our initial efforts prove successful. Please note that \$8 million has been included for booster modifications and an additional \$4 million for the construction and equipping of a launch facility. Although such expenses would normally be incorporated at one point or another in the Air Force's budget, for the integrity of the program and to ensure funding will be available since the Air Force's budget may have been submitted, we have carried them as line items in the FULCRUM program.

3. Project AKINDLE, a SIGINT balloon program, will require [] in FY-65 and []

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[redacted]

4. It is requested that the above three projects be included in Program B's NRO Budget and that the NRO take appropriate measures to obtain necessary funds.

5. In summary, Fiscal Year 1965 funding requirements are as follows:

FULCRUM \$54.3 (\$4.5 for first six months)

[redacted]

AKINDLE

[redacted]

Jack C. Ledford

JACK C. LEDFORD
Colonel USAF
Director, Program B, NRO

Attachments:

- 1 - Project FULCRUM
- 2 - Project [redacted]
- 3 - Project AKINDLE

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(In Thousands of Dollars)

FULCRUM \$54,3001. CAMERA \$18,800

Design and Drafting program for the Camera System. 3,000 ✓

Initial effort on the development of one qualified camera and three test cameras. 12,800

Facilities which will require some 50,000 square feet of secure space for the design, engineering, drafting, fabrication and assembly including miscellaneous shipping and receiving rooms, printing areas, storage, etc. 3,000

2. SPACECRAFT

Initiate design and development for four spacecraft; one for environmental and functional test, and three for test launches, plus (\$500) for commencement facilities construction. 17,500

3. BOOSTER 8,000

The Booster Program involves Titan II Missiles modified as a space launch vehicle. Modification will require \$8,000 in FY 65. It should be noted that the Booster cost has been predicated on a \$5,200 estimate per each vehicle. It is quite possible that not only may this figure be reduced to approximately \$4,000, but it is conceivable that the modification cost can be amortized over the program and included in the

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(In Thousands of Dollars)

3. BOOSTER (Continued)

\$4,000 per item figure. However, for the purpose of this budget, we are establishing our budget on a \$5,200 purchase figure, excluding modification.

4. RECOVERY VEHICLE \$5,000

A 24-month development program is scheduled with \$5,000 being required in FY 65. This will include three vehicles for test launches, plus one necessary for environmental and qualification testing.

5. LAUNCH FACILITY 4,000

Construction, equipping and necessary modification for the launch complex will take 13 months and will require initial funds of \$4,000 in FY 65.

6. ASSEMBLY, INTEGRATION AND CHECKOUT 1,000

This contract provides for the basic management housekeeping over the interface control problem, the overall engineering reliability, and the analysis of the AIC facility.

7. SUMMARY

CAMERA	\$18,800
SPACECRAFT	17,500
BOOSTER	8,000
RECOVERY VEHICLE	5,000
LAUNCH FACILITY	4,000
ASSEMBLY, INTEG., & CHECKOUT	1,000

TOTAL \$54,300

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