

HANDLE VIA BYEMAN  
CONTROL SYSTEM



CENTRAL INTELLIGENCE AGENCY  
WASHINGTON 25, D.C.

*20 July*  
*noted by*  
*Dr M J*  
*[Signature]*

BYE-2753-65  
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19 JUL 1965

MEMORANDUM FOR : Director, National Reconnaissance Office  
SUBJECT : Briefing Outlines for PSAC Panel Briefing  
Reference : D/NRO Memorandum, "Presentation to PSAC  
Panel for NRO Matters, BYE-36662-65,  
dated 9 July 1965.

Attached herewith are briefing outlines for FULCRUM,  
OXCART, ISINGLASS, and ZOSTER prepared for the Dr. Land  
Panel PSAC meeting scheduled for 21 July 1965.

*[Handwritten Signature]*

JACK C. LEDFORD  
Brigadier General, USAF  
Director, Program B, NRO

Attachments:  
Four Briefing Outlines

BYE-2753/65

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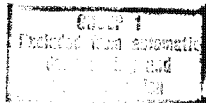
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HANDLE VIA BYEMAN  
CONTROL SYSTEM

FULCRUM, OXCART, ISINGLASS, OXCART

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OXCART

HANDLE VIA BYEMAN  
CONTROL SYSTEM

Attachment to  
BYE-2753-65

BRIEFING

FOR

PSAC LAND PANEL

15 MINUTES

PROGRAM BACKGROUND AND CURRENT OBJECTIVES/REQUIREMENTS

PROBLEMS

Inlet, electronic inlet control et al., debugging aircraft systems and components, equipment reliability and range performance.

DETACHMENT (Area 51)

Summary status

AIRCRAFT MODIFICATION PROGRAM

Objective to standardize latest configuration to improve range, reliability, structural strength, provide electronic countermeasure capability and increase mission duration capability.

BLACK SHIELD

Plan, intended operational coverage, expected performance and status

Cameras

ECM

FUTURE SUPERMARKET ECM

SUMMARY FUTURE OBJECTIVES

Validate BLACK SHIELD aircraft and systems performance and reliability

Optimize aircraft and systems performance and range.

OXCART

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ISINGLASS

Attachment to-  
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BRIEFING

FOR

PSAC LAND PANEL

30 MINUTES

INTRODUCTION

History, requirement

AIRFRAME

Profile, missions, aerodynamics, structure

ENGINE

Background, high pressure technology, testing

VULNERABILITY

ABM and anti satellite defenses

CONCLUSION

Technical confirmation program

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ISINGLASS

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HANDLE VIA BYEMAN  
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FULCRUM

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BRIEFING

FOR

PSAC LAND PANEL

60 MINUTES

PERKIN ELMER PRESENTATION

F' Camera Configuration

Comparison to F Camera

M' Camera Configuration

Mirror Materials Selection

Basis for Performance Prediction

F' and M' Performance

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FULCRUM

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Attachment to BYE-2753-65

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BRIEFING  
FOR  
PSAC LAND PANEL  
5 MINUTES

ZOSTER

Program Definition

Reference Configurations

Participating Contractors

Project Plans

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CONTROL SYSTEM

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