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Approved For Release 2002/11/20 : CIA-RDP71B00297R000700020004-0

25X1

IDEA 0846-69
Copy 6 of 7

9 October 1969

MEMORANDUM FOR: See Distribution

SUBJECT: Resume and Critique of Mission C229C

1. The critique for Mission C229C, flown on 25 September 1969, was held in the OSA Control Center at 1330 EDT, 3 October 1969. In addition to General Ross, representatives from the Deputy for Operations, IDEALIST Division, Intelligence Division, Deputy for Materiel, Security Staff, Communications Division, Avionics Division, Weather Division, Office of ELINT, Office of Scientific Intelligence and HASC/OEL were present. Following personnel critiqued on applicable portions of the mission:

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[redacted] - Mission preparation and execution.

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[redacted] - Forecast and actual weather.

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[redacted] - Materiel and Avionics

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[redacted] - Sensors
[redacted] - Communications equipment and

25X1

[redacted] - ChiCom tracking, target coverage and fighter activity.

[redacted]

25X1

2. Mission C229C (Canned Route 1120) was alerted on 22 September 1969 for a 23 September launch. Mission execution was delayed 24 hours [redacted] Take off was at 24/0105Z [redacted] Landing time [redacted] was 0540Z for a mission time of 4+35 hours. The mission was planned to

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GROUP 1
Excluded from automatic
downgrading and
declassification

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collect photo and ELINT information along the South China coast from east of Hainan Island to northeast of Fouchou. The route was flown as briefed until 0450Z, when the mission was aborted due to an "H" camera malfunction. One and one-half flight lines were lost because of the malfunction. Other collection systems were the T-35 tracker and [redacted] both of which worked satisfactorily. The pilot, [redacted] completed his second operational sortie. U-2R 057 was flown.

Preplanned Mission Data:

Distance	1681 NM
Time to Landing	4+30 Hours
Mission Profile	Maximum Altitude
Take off Fuel	1288 Gallons
Fuel Reserve at HiCone	175 Gallons

3. Weather; The weather forecast was for Category II with light haze except for an area of Category III between longitudes 113E - 117E. The pilot reported predominately Category II weather except for a solid overcast north of Hainan Island and Category III to IV in small areas south of Swatow and northeast of Chinmen Island.

4. Maintenance: Activation of [redacted] was not reported by [redacted]. A check of the [redacted] system revealed that it was not wired to report [redacted] activity. A local modification will correct this discrepancy. [redacted] showed improper response to self-test during post-flight. Replacement of a circuit board corrected the problem. The cause of the "H" camera malfunction that caused abort of the mission was found to be a faulty germanium transistor in the shutter motor trigger circuit. Germanium transistors will be replaced by silicon transistors in all "H" cameras to prevent this type of malfunction.

5. Communications: Except for the [redacted] wiring problem mentioned previously, all Communications were satisfactory.

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6. Intelligence:

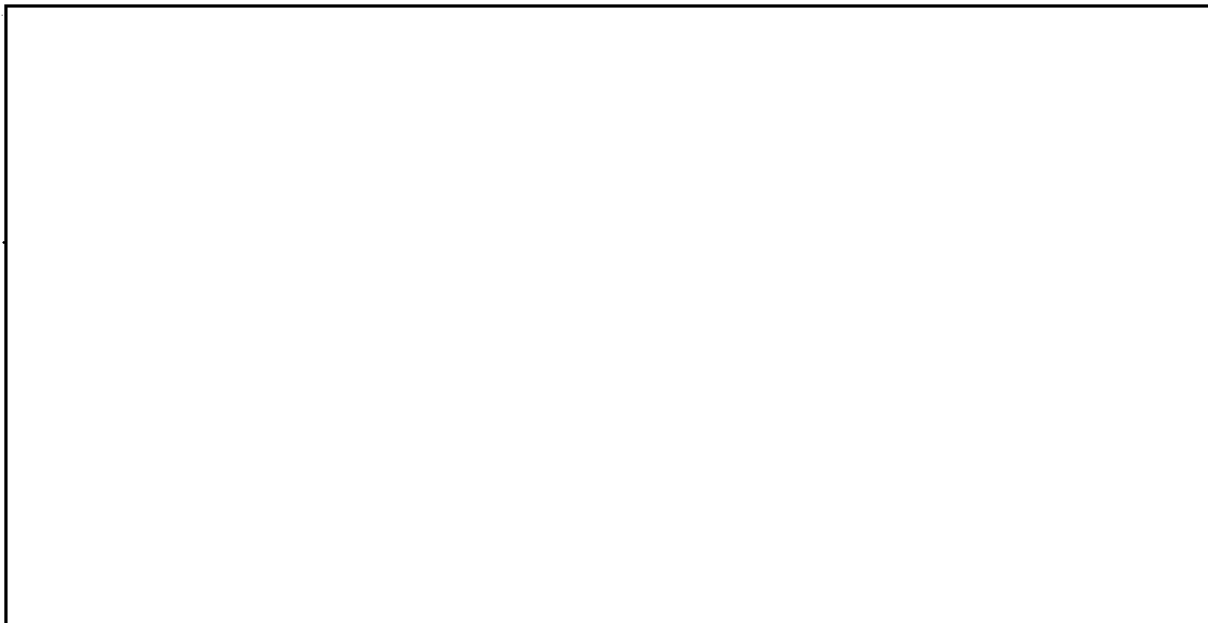
a. Target Coverage: Photo interpretability ranged from poor to good. Overall interpretability was poor with 65 percent cloud cover reported by OPIC A. NPIC reports 45 percent. Target coverage consisted of 15 programmed COMIREX targets, two bonus COMIREX targets and 12 bonus non-COMIREX targets for a total of 29 targets.

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c. Fighter Activity: There were two defensive fighter patrols noted during time of mission, neither of which were closer than 60 NM from the mission aircraft.

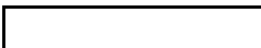
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Deputy Chief, IDEALIST Division, OSA

Attachments - 2
Route Overlay
Target Coverage

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IDEA/OSA [redacted] (9 Oct 69)

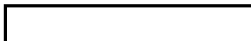
Distribution:

- #1 - D/SA (w/att)
- #2 - D/O/OSA (wo/att)
- #3 - D/M/OSA (wo/att)
- #4 - SSD/R&D (wo/att)
- #5 - INTEL/OSA (wo/att)
- #6 - IDEA/OSA (w/att)
- #7 - RB/OSA (wo/att)

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T O P S E C R E T

IDEALIST/TACKLE MISSION C229C, 24 SEPT. 1969

PHOTO INTERPRETABILITY RANGES FROM POOR TO FAIR. OVERALL INTERPRETABILITY IS POOR WITH 65% CLOUD COVER.

CHINA TARGETS COVERED:

15 of 61 Programmed Targets Covered
2 Bonus COMIREX Targets Covered
12 Bonus Non-COMIREX Targets Covered

29 Total Targets Covered

BREAKDOWN OF TARGETS BY CATEGORY:

2 Airfields
7 Naval Bases
3 Commercial Ports
5 Radar Sites
7 Military Installations
2 Urban/Industrial Complexes
1 Bridge
2 Others

29 Total

The breakdown for the target interpretability for the 15 Programmed targets covered was as follows;

0 - Good; 3 - Fair; 12 - Poor

The breakdown for the target interpretability for the total number of targets covered (29) was as follows:

0 - Good; 4 - Fair; 25 - Poor

IDEALIST/TACKLE MISSION C229C, 24 SEPT. 1969

(PROGRAMMED TARGETS)

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COMIREX NO.	NAME OF INSTALLATION	INTERPRET- ABILITY	WEATHER/REMARKS
1	Ching Lan MTB	POOR-P-O	SCATTERED CLOUDS
2	Wen Chang Army Bks. South		NOT COVERED
3	Wen Chang Army Bks. South		CLOUD COVERED
4	Lo Shih Military Complex.		CLOUD COVERED
5	Hai Kou Airfield	POOR-C-O	HAZE
6	Hai Kou Naval Base	POOR-C-O	HAZE
7	Shu Chang Army Supply Depot & Bks.	POOR-C-O	HAZE
8	Chan Chiang Army Bks. West		NOT COVERED
9	Chan Chiang Hq 55 Army & Bks.		NOT COVERED
10	Chan Chiang Airfield		NOT COVERED
11	Chan Chiang Naval Base & Shipyard		NOT COVERED
12	Hsi Pai Wei Army Bks. South		NOT COVERED
13	Chan Chiang Shipyard North		NOT COVERED
14	Chih Kan Thick Eight Facility		NOT COVERED
15	Chih Kan Army Bks. NW		NOT COVERED
16	Lei Pei Army Bks. South		NOT COVERED
17	Kuan Hu Army Bks.		NOT COVERED
18	Hsiao Chiang Hsu MTB	POOR-P-O	CLEAR
19	San Chou Shih Naval Facility	POOR-C-O	SCATTERED CLOUDS
20	Pai Teng Army Bks. East	POOR-C-O	HAZE
21	Chu Hai Bks. & Storage Area E.		NOT COVERED
22	Hsiang Chou Port Facility		NOT COVERED
23	Hui Lai AW Radar Facility		CLOUD COVERED
24	Hai Men Shipyard, Shan Tou		CLOUD COVERED
25	Shan Tou Boatyard	POOR-C-O	HAZE
26	Shan Tou Boatyard North	POOR-C-O	HAZE
27	Shan Tou AW Radar Facility	POOR-C-O	HAZE
28	Shan Tou AW Radar Facility	POOR-C-O	HAZE
29	Shan Tou Naval Base	POOR-P-O	SCATTERED CLOUDS
30	Shan Tou Airfield, NE	FAIR-P-O	SCATTERED CLOUDS
31	Nan Ao Tao Military Installation	FAIR-C-O	SCATTERED CLOUDS
32	Nan Ao Tao Port Facility	FAIR-C-O	SCATTERED CLOUDS
33	Chien Ho Army Training Center South		NOT COVERED
34	Chien Ho Army Training Center North		NOT COVERED

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TARGET COVERAGE FOR

IDEALIST/TACKLE MISSION C229C, 24 SEPT. 1969

(BONUS COMIREX TARGETS)

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COMIREX NO.	NAME OF INSTALLATION	INTERPRET- ABILITY	WEATHER/REMARKS
1.	Hung Yang Army Barracks SW	POOR-C-O	HAZE
2.	Hai Kou Hq 43 Army & Barracks Area	POOR-C-O	HAZE
(BONUS NON-COMIREX TARGETS)			
COORDINATES			
1.	2329N 11646E Lien Yang Hwy Bridge	FAIR-C-O	CLEAR
2.	2322N 11640E Shan Tou 1 Complex	POOR-C-O	HAZE
3.	2301N 11624E Hui Lai Radar	POOR-C-O	HAZE
4.	2000N 11019E Hai Kou Radar	POOR-C-O	HAZE
5.	2000N 11055E Wen Tien Shih Radar	POOR-C-O	HAZE
6.	2326N 11638E Shan Tou Ammo Depot NW	POOR-C-O	HAZE
7.	2001N 11021E Hai Kou AD Sector Hq.	POOR-C-O	HAZE
8.	2003N 11019E Hai Kou Petroleum Refinery	POOR-C-O	HAZE
9.	2001N 11021E Hai Kou AD Zone Hq.	POOR-C-O	HAZE
10.	2321N 11640E Shan Tou Port Facilities, Swatow	POOR-C-O	HAZE
11.	2002N 11017E Hai Kou Port Facilities	POOR-C-O	HAZE
12.	2001N 11019E Hai Kou Army Supply Depot	POOR-C-O	HAZE
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This document contains information referring to Project IDEALIST

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	SIGNATURE	DATE	TIME	DATE		
IDEA/OSA					[Redacted]	10 Oct

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