SECRET

NO. 5 GROUP OPERATION ORDER NO. B.976

APPENDIX 'A' - ROUTES AND TEXINGS TOP

APPENDIX 'B' = SIGNALS PROCEDURE FOR TARGET DIVERSIONS, ETC

APPENDIX 'C' - LIGHT AND MOON TABLES

INFORMATION.

General.

 The simbilitants and industry of the Rubr rely to a very large extent on the secremonaly costly water burrage tense in the Rubr latestic. Bertiverson of TableST x alone would bring about a serious mhortage of water for defining purposes on industrial supplies. This industrial engine ingit not be simulately appeared by the certainty takes the time of the certainty takes the time of the certainty and the time of time of the time of time of the time of the time of tim

 A substantial amount of damage would be done, and considerable local flooding would be caused immediately consequent on the breach of TARGET X. In fact it might well cause have in the Ruhr valley. There would be a large loss of cooling water for the large thermal plants.

3. In the Meser District the destruction of the TARGET Y would seriously happer transport in the Mittelland Gamal and in the Meser, and would probably lead to an almost complete operation of the great volume of traffic now using these waterways.

4. The reservoirs usually reach their maximum capacity in Nay or June, after which the level slowly falls.

Enemy Defences.

. (a) TARGET X.

There are three subjects on the crest of this dam which may each be a light A.A. gam. A light 3-gam A.A. position is situated below and to the N. other dam with a possible searchlight position nearly. A double line boom with linber spreaders is florting on the main reserveir at 100 to 300 feet from the dam. No other A.A. position or defence installation is known.

(b) TARGETS Y and Z.

Information about the defences of these two dams will be given when P.R.U. sorties have covered these areas. (Information has now been issued).

(c) The last resort targets are unlikely to be defended.

INTENTION

6. To breach the following dams in order of priority as listed:

- (a) TARGET 'X' (GO 939)
- (b) TARGET 'Y' (GO 934) (c) TARGET 'Z' (GO 960)
 - (a) Lancer Targeta:
 (i) TARGET 'D' (GO 938)
 (ii) TARGET 'D' (GO 935)
 - (ii) TARGET 'E' (GO 935) (iii) TARGET 'F' (GO 933)

Code Name.

7. This operation will be known by a code name which will be issued separately.

Date of Attack.

8. The operation is to take place on the first suitable date after 15th May, 1943.

Effort.

9. Twenty Special Lancasters from 617 Squadron.

Outline Plan.

10. The twenty special Lancasters of 617 Squadron are to fly from base to target area and raturn in moonlight at low level by the routes given in AFFENDIX 14. The Squadron is to be divided into three main waves, viz:-

(a) tet News, is to consist of three sections, spaced at ten minute intervals, each section committing of three aircraft. They are to take the Southern route section consisting of three aircraft. They are to take the Southern route has have clearly branched, it is estimated that this might require three affective attacks. Mean this has been achieved the leader is to diver the remainder of this wave to Targett, where similar testics are to be followed. Should both X and Y be breached any remaining aircraft of this wave are to stack 2.

(b) 2nd Mave. Is to consist of five aircraft manned by the specially trained crews who are to take the Northern route to the target, but are to cross the energy coart at the same time as the leading section of the 1st wave. This 2nd wave are to attack Target 2.

(c) hed Maye. Is to consist of the remaining aircraft and is to form an airborne reserve under the control of Group Haq. They are to take the Bouthern route to the target but their time of take-off is to be such that they say be resulted before crossing the energy cost if the 1st and 2nd waves have breached all the targets.

Secali will probably not be possible upless the first section of the set New are at NORICUS 55-78. N. 050078. By Owil Political (WESSID) + 30 minutes and the 3rd News must be at this position 2 hours 30 minutes interpolitic world by passed to aircreposite intervieting the working of the section of the sec

Detailed Flan.

11. The its Wave is to take off in three sections each of three aircraft and (ly to the target at low level by the route given in Appoint My. Sections are to be special of 1500 feet over highests. On leveling the Registre control of the section o

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as low as possible both going in and coming out even if it is necessary to climb a little later for man reading.

13. On arriving at a point 10 miles from the target the leader of each section is to climb to about 1,000 feet. On seeing this all other aircraft are to listen out on V.H.P. Bach aircraft is to call the leader of the Mewo on V.H.P. on arriving at the target, by spinning of the special store is to be started to minute before each aircraft strated, the leader is to attack first each is them to control the Simmels procedure given in AFRONDEX *** or a stack of the target where using the Simmels procedure given in AFRONDEX *** or a stack of the target when the AFRONDEX *** or a stack of the target using the stack of the target when the AFRONDEX *** or a stack of the target when the AFRONDEX *** or a stack of the target when the AFRONDEX *** or a stack of the target when the AFRONDEX *** or a stack of the target when the AFRONDEX *** or a stack of the target when the AFRONDEX *** or a stack of the target when the target when the AFRONDEX *** or a stack of the target when the tar

14. Number 2 of the leading section of the 1st lives is to not as despity leader for the whole of the tix lives during the standon of Indion X. Should the leader fall on No. 2 of the leading section is to take over leadership, and No. 3 depty leadership, for the actual of JASSON X. Por Not be standed of JASSON X involved is to take the standard of the property of the standard of JASSON X in the standard Not the event No. 7 is to be the depty leader. All other strength are to return by Moute 1, the second throat PA Route 2 and the least thread strength of this leave the Route 3.

15. The direction of attack of PARGET X is to be at right angles to the length of the target. The general direction of states its, therefore, be be SR. to EM. A content are not to be diverted to PARGET X in PARGET X in breached, up to the additional starceff may be used, at the disconnect of the leader, to wide the breach in TARGET X providing at least three sirrors are diverted to statute PARGET X in PARGET X.

16. New TARGET X is seen to be breached beyond all possible doubt the leader is to divert the reaching of the first takes to TARGET Y by W/m at VIFF, where similar tactics are to be used for the attack of this target. The general direction of attack of TARGET Y is to be from NA. to S.B. If target Y is seen to be breached byond all possible doubt all remaining sircraft of the ist Wave are to be diverted by the leader to attack TARGET 2 independently using the same cactions as the Jad wave.

18. For the attacks of both Targets X and Y the special range finder is to be used, the height of attack is to be 60 feet and the ground speed 220 m.p.h.

19. The 2nd Mave is to take off and fly to Target Z at low level by the Worthern Route given in Appendix 'A'. Aircraft are to cross the energ osast in close concentration, but not in formation, at the east time, although at a different point, as the leading section of the 18t Mave. Aircraft on this Mave sill be controlled on the alternative YALP, channel. The special stores are not to be spun for the attack of interesting the property of the special stores are not to be spun for the attack of interesting the property of the special stores are not to be spun for the attack of interesting the special stores are not to be spun for the attack of interesting the special stores.

**Intermitting Y.H.P. chanced. The special stores are not to be spun for the stance of rapest Z. Mirrorf are to states that target from 1%, to S.E. parallel to the length of the dam and are to aim to hit the sater just show the sate of the stance of the sate of the sate

30. The jet days is to consist of the remaining aircraft and is to form an airborne reserve under the control of Group Residuanters. Plany are to fly to Target X in close concentration, but not in formation, at low level by the Southern, route given an appeal of the present residuant and the control of the state of the state who we crossed this point on their cuttend routes to the staryst. Orders for the jet know which be passed to all aircraft on the special Coven frequency if possible before which present the control of the state of the sta

/similar to those ...

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similar to those used by the 1st Wave shem attacking Targets X and Y except that attacks on last resort targets are to be made independently. After attacking, aircraft are to return to beas independently at low level by any of the three return routes given in Appendix 11. Aircraft attacking early should take Houte 1; the ment aircraft foute 2 and the bast Route 3.

Method of Attack.

 Aircraft are to use the method of attack already practiced. The pilot being responsible for line, the Navigator for height, the Air Bonber for range and the Flight Engineer for seed.

22. The interval between attacking aircraft is to be not less than three minutes all targets, $% \left(1\right) =\left\{ 1\right\} =\left\{ 1$

23. On all targets except Target 2 each aircraft is to fire a red verey cartridge immediately over the dam during the attack. Aircraft attacking Target 2 are each to fire a red verey cartridge as they release their special store.

24. All aircraft are to fly left hand circuits in each target area keeping as low as possible when waiting their turn to attack.

Time of Attack.

25. The time of attack of each target by each wave is not important to within a few minutes. The time of cressing the enery coast is, however, all important, 2220 2020, which will be given in the executive order, it, therefore to be the time at which the first section of the tiwe are to be at FOURTION 5724W, 0)0002. On the ordered route to the target. This time will probably be during the company of the contract of the cont

Boutes.

26. As in Appendix 'A'.

Diversions.

27. The whole assence of this operation is surprise, and to avoid bringing energy detrement to a unmenessary depend of alarments, diversionary studies must be carefully detrement to a unmenessary depend of alarments, diversionary studies must be carefully 20 minutes after the leading section of the let wave crosses the energy coast. No diversionary stacks should be despationed which would cross the energy coast. For partial of one hour preceding the jet level, a bound to be needed to compare the energy coast. The partial country is a section of the partial property of the should continue, if possible until the jet wave are clear of menty territory on the return poursey. Diversionary stacks helpe 2 (00 Tg. Should got be made, in the return poursey. Diversionary stacks helpe 2 (00 Tg. Should got be made, in the return poursey. Diversionary stacks helpe 2 (00 Tg. Should got be made, in the return poursey. Diversionary stacks helpe 2 (00 Tg. Should got be made, in the return poursey. Diversionary stacks helpe 2 (00 Tg. Should got be made, in the return poursey. Diversionary stacks helpe 2 (00 Tg. Should got be made, in the scale of the partial pourse). (52 00 Tg. Should got be made, in the scale of the partial pourse). (52 00 Tg. Should got be made, in the scale of the partial pourse). (52 00 Tg. Should got be made to a range mittable weather recommandate to report in particular on the saided to arrange mittable weather recommandate to report in particular on the before they create the energy country.)

Armsment.

(a) Bomb Lond. - Each Lancaster is to carry one special modified store (UPKDEP).
 (b) Ammunition. - All guns to be loaded with 100 night tracer (C VI).

Fuel.

29. The Lancasters may take off at a maximum all up weight of 63,000 lbs. at +14 boost. As the modified store now weighs about 9,000 lbs. 1750 gallons of petrol can be carried.

Navigation.

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30. H.Q. B.C. are requested to arrange for the Eastern Chain, Stud 5 to be exitched on at Z = 20 minutes and to remain on for the whole of the operation. This should assist in making an accurate landfall on the energy coast at the correct time.

31. The route is to be carefully studied before flight and the outstanding features, obstructions and pinpoints noted, particularly water pinpoints; E.T.A.'s at each are to be carefully calculated and if any pinpoint is not found on E.T.A. a search is to be made before proceeding to the next pinpoint. Alternat may climb to 500 feet shortly before reashing each inpoint if incessary to help may reading.

32. The maximum use is to be made of the Air Position Indicators.

Synchronisation of Watches.

33. All watches are to be synchronised with B.B.C. time before take off on the day of the operation.

Secrecy.

14. Secrecy is VITAL. Knowledge of this operation is to be confined to the Station Commander, O.C. 617 Squadron and his two Fight Commanders until receipt of the EXCOUTE signal. After crews are briefed they are to be impressed with the read for the utnot secrecy because of the possibility that the operation may be postpood should weather reconsistance prove the weather to be unmattable.

Reports.

35. Each aircraft as soon as possible after it has attacked is to report by W/P on the normal Group operational frequency in accordance with APPENDIX "B".

Special Devices.

36. MANDREL and TINSEL are not fitted.

37. IFF is NOT to be used on the outward journey but normal procedure is to be foollowed on the homeward Claybrt. Any stronger's returning early is NOT to use IFF except after Z + 30 minutes for the 1st and 2nd Maves and after Z + 3 hours for the 1st Maves.

Nickels.

38. Nickels are not to be dropped.

INTERCOMMUNICATION.

Wireless Silence.

39. Styret My And My Elemon is to be mintained until after \$A = 30 ninutes for the six and odd lawse and after \$A = 30 neut for the Marke, Any interesting returning early is 507 to break My or 8/9 silens and for the six and after \$A = 30 for the My Andread Styreting before that the sea to cross the Digital Comet at 1,500 for at the point of exit and presend direct to base or the nearest Comet at 1,500 for at the point of exit and presend direct to base or the nearest complete and office of the My Appoint. Styreting and approximately appoint of the base of the six and the six

MF/DF Section.

40. Section D is to be used if required in accordance with Paragraph 39.

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Executive Order.

Internal.

41. The executive order for the operation will be given by EXECUTIVE followed by the code word allotted, the date on which the operation is to take place and the time of Zero Hour in British Double Summer Time.

42. ACKNOWLEDGE BY TELEPRINTER.

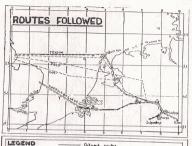
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Group Captain J. N. H. Whitworth, DSO., DFC.

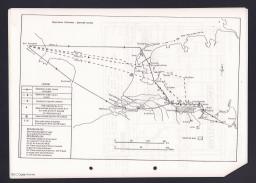
Headquarters, Bomber Command.	3, 4
(Deputy Cin-C. personally, or in his absence, Group Captain N.W.D. Marwood-Elton, D.F.C.).	

Action Copy (Ops. II).	6	Not to be
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despatch File. of Executive 9, 10, 11, Execution and 12. Signal.



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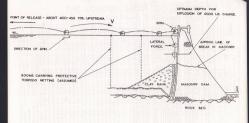
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No. 617 SQWORON. NIGHT FLYING PROGRAMME 16.5.43.

No.	A/C	Captain	F/Engr	Navieator	W/Onte	A/Bonber	Front Gunner	Bear Gumer
1.	G.			P/O. TAURIM.			WASTER DEPRING.	F/LT: TREVOR-ROPER
2.	и.			F/O. FARISHAM.		P/O, FRASER.*		F/O. BURCHER.*
3.	P.		PAD. HHITTAKER					F/SGT, SIMPSON.®
4.	A.		SGT. HORSFALL.	SGT. BOBERTS.		F/O. NACCAUSE!		SCT. IBBOTSON.
3.	I.		SGT. HATTON.	SCT. NICHOLSON.		P/O FORT.		SCT. SIMMONDS.
6.	1	F/LT. SHARKS				F/SIT, SIMPLE		P/O. BUCKLEY.*
7.	2.	S/LDR, HWIDSLEY		F/O. UNCURART.	SGT, COTTAM.	P/O. FULLER.	F/O TYDESL'GL.	SCT. BURROWS.
8.	8			P/O. WILE.	SGT GARSHOWITZ.	FAO. HOPKINSON	SCIT. GARRAS.	SGT. BOLITHO.
9.	· N.	FAIL ENIGHT.	SGT, GRAYSTON'		SGT. KELLOW. *	F/O. JOHNSON!"	SGT. SUTHEBLAND	SGT. O'BRIEN!
10.	W.		SGT. APPLEBY.*		SGT. PIGEON.*-	SGT. CLAY. 2	SGT. HOWARTH.	F/SGT. WEEKS. *
11.	0.	F/LT, NoCASTRO				SGT. JOHNSON.*	SGT. BATSON."	F/O, RODGER.™
12.	H.		SGT. SMITH.	F/O NACEARLANE		F/SGT. THRASHE	SGT. MAYNARD.	SCT. BURDS.
13.	к.	SCT. BYERS.	SET. TAYLOR.	P/D. NAMES.	90T WILKINSON.	SGT WHITAKER.	SGT. JARVIE.	SOT McDOWELL.
14.	82	F/LT. BARLOW.	SGT. WHILLIS.	F/D. BURGESS.	F/O. WILLIAMS.	SGT. GILLESPIE	F/O. GLINZ.	SGT. LICOSIL.
15.	C.	PAO, OTTLEY,	SGT. MARSDEN.	F/D. BARRETT.	SGT. GUTEROWN.	F/SGT, JOHNSTO	F/SCT, TEES.*	SOT, STRANGE.
16.	S.		SGT. PEGLER.	SGT. JAYE.	P/O. WELLER.	SGT. ARTHUR.	SCT. LONG.	F/SGT. BRADY.
17.	0.	F/SGT, TOWNSEND	STT. POMILL	P/O. HONARD,*	F/SCT CHALMERS !	SGT. FRANKLINS	90T. WE28.46	SCT. WILKINSON."
18.	P.	F/SGT, BROWN		SGT. HEAL. NO	SGT. HEWSTONE.*	SOT, CANCIA.*	SGT. ALLATSON.	F/SGT. MacDONALD."
	Υ.	F/SGT, ANDERSON			SGT. BICKLE.	SCT. CREEN.	SOT. ENAN.	SGT. BUCK.

^{*} SURVIVED THE WAR



DETAIL OF WORK CARRIED OUT

Total Name and DA Per 32, 198

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16.5.43.	A special contains for which this Squares had been training so hard an corried out. The target can the three grand forms have the day the Thomas day for the containing the first part of the containing the first part of the containing the first part of the first p
	took off to attack the target, and of these, S failed to return. The attack was an
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-12-5-13.	After his eldress, all circum preceded on 7 days leave, and pround orar, bith the
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THE LONDON GAZETTE 28 MAY 43.

The Court is broader to terrine USDAN, DR. Dr. Brance of the Section College. In 665 Squares.

This officer served as a might bender palet at the beginning of the two and releasing empediators a companion as an Single broken states former as addition to conter the factors yearly about in all sects operations as made single broken states former and made in the sector factors as something the factor of the sector factors of the sector factors of the sector factors of the sector factors for the sector factors of the sector factor factors of the sector factor factor factors of the sector factor factor factors of the sector factor factor factor factor factor factor factors of the sector factor facto then his tour of operational duty was constitued, he reced for a further operational posting and rest to a minute The support property of a section only be able to be added for expression, while the theorem is not included to the section of the translation of the chird operational tour. The farmindar NEEDS present surrectly to be ellered to remain to court word and be not relacted to contend a suprices from the topology the second Content to the transfer Lander-The took the frought with imper and difficulty. They formated 01360 personally made the initial custom on the The terminan agreed has be larged the section involving more time for large experiment forms, increased their

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THE LONDON GAZETTE, 28th.MAY 1943.

Acting Wing Commander Guy Penrose GIBSON, DSO, DFC, Reserve of Air Force Officers, No.617 Squadron.

This officer served as a night homber pilot at the beginning of the war and quickly established a reputation as an outstanding operational pilot. In addition to taking the fullest possible share in all normal operations he made single handed attacks during his "Rest" nights on such highly defended objectives as the German Battleship TRIPITZ then completing in MILIEREMSHAVER.

When his tour of operational duty was concluded, he asked for a further operational postering and went to a night-righter unit instead of being posted for instructional duties. In the course of his second Tour, he destroyed at least three enemy bombers and contributed much to the raising and development of new night flighter formations.

After a short period in a training unit he again volunteered for operational duties and returned to night bombers. Both as an operational pilot and as a leader of his squadron, he achieved outstandingly successful results and his personal courage knew no bounds. ERRLIN, COLOGUE, DANSIG, CIDMIN, ORMON, Le CRUSOT, attacked by day and nibm. Trunker were among the targets he actacked by day and nibm.

On conclusion of his third operational tour, Wing Commander GISSON pressed strongly to be allowed to remain on operations and he was selected to command a Squadron then forming for special tasks. Under his inspiring leadership, this squadron has now executed one of the most devastating attacks of the war, the breaching of the MONIES and EDER GAMES

The task was frought with danger and difficulty. Wing Commander (2028) personally made the initial attack on the WOINE dan. CONTROL of the water and taking the full brunt. of the anti-alercaft one of the water and taking the full brunt. of the anti-alercaft one of the control of the sati-alercaft one of the control of the sati-alercaft one of the control of the co

Wing Commander GIBSON then led the remainder of his force to the BDBR dam where, with complere disregard for his own safety, he repeated his tactics and once more drew on himself the enemy so that the attack would be successfully developed.

Wing Commander GIBSON has completed 170 sorties involving more than 600 hours operational flying, throughout his operational career, prolonged exceptionally at his own request, he has show leadership, determination and valour of the highest order.