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(See inside cover)

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CONTROL NO. Z-13652/83

COPY 37 OF 37

37


Warning Notice
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DISSEMINATION CONTROL ABBREVIATIONS

NOFORN-	Not Releasable to Foreign Nationals
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Page 1 of 2

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NPIC/IEG (5/83)
25 MAY 1983

KASP-TYPE FOUR-POSTER BARGE UNDER CONSTRUCTION
GORKIY SHIPYARD 112, USSR (SWN)



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1. SIGNIFICANCE: THE CONSTRUCTION OF ANOTHER KASP-TYPE FOUR-POSTER BARGE SHOWS A CONTINUED INTEREST BY THE SOVIETS IN WING-IN-GROUND EFFECT (WIG) VEHICLES. (SWN)
2. REMARKS: A KASP-TYPE FOUR-POSTER BARGE IS UNDER CONSTRUCTION AT GORKIY SHIPYARD 112. THE CONSTRUCTION OF THIS BARGE, WHICH SERVES AS A WIG SUPPORT/WORK PLATFORM, SUGGESTS THAT THE SOVIETS MAY BUILD ANOTHER KASP-A WIG TO REPLACE THE SINGLE UNIT WHICH WAS ACCIDENTALLY DESTROYED IN 1980-81. IT COULD ALSO MEAN THAT THEY HAVE DECIDED TO PUT THE KASP-B WIG (TWO UNITS EXIST) INTO SERIES PRODUCTION AND WILL HAVE A NEED FOR MORE OF THESE SUPPORT BARGES. (SWN)

TWO CORNER SECTIONS/POSTS [REDACTED] FOR THE NEW FOUR-POSTER BARGE WERE IDENTIFIED AT GORKIY ON [REDACTED] AND HAVE BEEN PRESENT SINCE [REDACTED] THEY WERE PLACED ON A BARGE SECTION [REDACTED] AND LAUNCHED BETWEEN [REDACTED] [REDACTED] AN ADDITIONAL FLOOR SECTION [REDACTED] [REDACTED] FOR THE BARGE WAS MOVED FROM THE CONSTRUCTION HALL TO THE TRANSVERSER ON [REDACTED], TWO ADDITIONAL CORNER SECTIONS/POSTS ARE UNDER CONSTRUCTION AT REPORTING POSITION 4 (NOT ON GRAPHIC). WHEN THESE SECTIONS ARE COMPLETED, THEY WILL BE PUT TOGETHER TO FORM THE FOUR-POSTER BARGE. THE COMPLETED BARGE WILL PROBABLY BE TRANSFERRED TO KASPIYSK SPECIAL RESEARCH AND DEVELOPMENT FACILITY ([REDACTED], ON THE CASPIAN SEA, WHERE RESEARCH AND TESTING OF WIG VEHICLES IS PERFORMED. (SWN)

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THE ORIGINAL FOUR-POSTER BARGE WAS FIRST SEEN AT GORKIY IN 1966, WHERE IT WAS PROBABLY CONSTRUCTED. IT WAS USED AS A SUPPORT/WORK PLATFORM FOR THE KASP-A UNTIL THAT VEHICLE WAS DESTROYED. THEN THE BARGE WAS USED IN A SIMILAR SUPPORT ROLE FOR THE KASP-B, A SMALLER WIG. (SWN)

THE KASP-A (ALSO KNOWN AS THE CASPIAN SEA MONSTER) WAS AN EXPERIMENTAL VEHICLE THAT FLEW CLOSE TO THE SURFACE OF THE SEA. IT WAS LARGE, WITH AN OVERALL LENGTH OF [REDACTED] A

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Page 2 of 2

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WINGSPAN OF [Redacted] AND A MAXIMUM FUSELAGE WIDTH OF [Redacted] METERS. IT WAS POWERED BY 10 JET ENGINES. THE SMALLER AND MORE MODERN KASP-B HAS AN OVERALL LENGTH OF [Redacted] AND A WING SPAN OF [Redacted] AND IS POWERED BY ONE TURBOPROP ENGINE WITH TWO CONTRAROTATING PROPELLERS. A WIG VEHICLE THEORETICALLY CAN BENEFIT FROM ADDED LIFT AND REDUCED DRAG WHEN IT IS OPERATED WITHIN ONE WINGCHORD OF THE SURFACE. THIS ALLOWS REDUCED FUEL CONSUMPTION AND INCREASED RANGE. CIVILIAN APPLICATIONS NOTWITHSTANDING, THIS CAPABILITY WOULD BE ESPECIALLY USEFUL IN AN ANTISUBMARINE PATROL OR TROOP TRANSPORT ROLE. (SWN) [Redacted]

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3. [Redacted] COORDINATES 56-21-42N 043-52-28E

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