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Attachment to Z-19107-84  
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31 DECEMBER 1984

ROMANIAN INFANTRY FIGHTING VEHICLE IN DEVELOPMENT  
MIZIL, ROMANIA (SWN)



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1. **SIGNIFICANCE:** LIMITED NUMBERS OF A NEW ROMANIAN PRODUCED INFANTRY FIGHTING VEHICLE (IFV) HAVE BEEN SEEN AT MIZIL ARMORED VEHICLE REPAIR AND DEVELOPMENT PLANT SINCE MAY 1984. THIS IS THE SECOND INDIGENOUSLY DESIGNED IFV ROMANIA HAS PRODUCED. (SWN)

2. **REMARKS:** ONE TO THREE OF THESE VEHICLES (INTERIM DESIGNATOR ROMANIAN IFV M1984/2) WERE SEEN ON \_\_\_\_\_

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\_\_\_\_\_ THE VEHICLES ARE APPROXIMATELY \_\_\_\_\_ METERS WITH A TURRET \_\_\_\_\_ IN DIAMETER. THE VEHICLES MEASURE APPROXIMATELY \_\_\_\_\_ HIGH AT THE REAR, SLOPING TO \_\_\_\_\_ IN THE FRONT. (SWN)

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THIS VEHICLE IS ONE OF TWO NEW ROMANIAN IFV REVEALED IN THE 23 AUGUST 1984 NATIONAL DAY PARADE IN BUCURESTI. THE VEHICLE IS STRIKINGLY SIMILAR TO THE YUGOSLAVIAN M-80 (FORMERLY M-980) IFV. ANALYSIS OF GROUND AND OVERHEAD PHOTOGRAPHY OF THE M1984/2 AND M-80, HOWEVER, SHOW A NUMBER OF DISCERNIBLE DIFFERENCES BETWEEN THE TWO VEHICLES. THE TURRETS, WHEELS, EXHAUST VENT, AND ARRANGEMENT OF THE HATCHES AND HEADLIGHTS ARE DIFFERENT ON THE TWO VEHICLES. HOWEVER, ONLY THREE DIFFERENCES, THE ENGINE VENT, THE ARRANGEMENT OF THE HATCHES, AND THE LOCATION OF THE HEADLIGHTS, ARE OBSERVABLE ON OVERHEAD IMAGERY. THE M-80 HAS A LARGE ENGINE EXHAUST VENT WHICH PROTRUDES FROM THE RIGHT SIDE OF THE VEHICLE. THE M1984/2 HAS TWO VENTS/HATCHES ON THE RIGHT SIDE OF THE FRONT DECK WHILE THE M-80 HAS A SINGLE LARGE VENT/HATCH. THE HEADLIGHTS OF THE M1984/2 ARE ON THE GLACIS AND HAVE A PRONOUNCED APPEARANCE WHEN CANVAS-COVERED. THE HEADLIGHTS OF THE M-80 ARE ON THE FENDERS AND ARE NOT DISCERNIBLE WHEN CANVAS-COVERED. USING THESE SIGNATURES, IT WAS POSSIBLE TO CONCLUDE THE VEHICLES AT MIZIL WERE THE M1984/2 IFV. (SWN)

THE OTHER IFV (INTERIM DESIGNATOR ROMANIAN IFV M1984/1) IS \_\_\_\_\_ METERS LONG AND CLOSELY RESEMBLES THE SOVIET BMP AFTER WHICH IT IS PATTERNED. THE M1984/1, PREVIOUSLY DESIGNATED THE AVRIG-01, IS CURRENTLY IN PRE-SERIES PRODUCTION AT THE AVRIG MOTOR VEHICLE PLANT (\_\_\_\_\_ NPIC MINI-BOARD Z-18331, JULY 1984) (SWN)

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ANALYST'S COMMENTS: PRIOR TO THE ANALYSIS OF THE PARADE PHOTOGRAPHY, THE VEHICLES AT MIZIL WERE THOUGHT TO BE YUGOSLAV M-80 IFV DUE TO THE SIMILARITY IN SIZE AND VEHICLE CONFIGURATION. THE M-80 MEASURES [Redacted] (SWN)

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MIZIL IS KNOWN TO BE THE ROMANIAN ARMORED VEHICLE PROTOTYPE DEVELOPMENT FACILITY AND THE PRESENCE OF THE M1984/2 AT MIZIL INDICATES THAT THIS VEHICLE IS PROBABLY IN THE PROTOTYPE PRODUCTION STAGE OF THE PROGRAM. IT IS LIKELY THAT ONCE THE PROTOTYPE STAGE IS COMPLETE THE PROGRAM WILL BE TRANSFERRED FROM MIZIL AND SERIES PRODUCTION WILL TAKE PLACE ELSEWHERE. THIS TRANSFER OCCURRED WITH ROMANIA'S TR-77 TANK PROGRAM WITH PROTOTYPE DEVELOPMENT AND LIMITED PRODUCTION TAKING PLACE AT MIZIL AND SERIES PRODUCTION AT BUCURESTI STEEL AND RAILROAD EQUIPMENT PLANT [Redacted] MIZIL'S FACILITIES ARE ADEQUATE FOR LIMITED PRODUCTION BUT DO NOT APPEAR EXTENSIVE ENOUGH FOR SERIES PRODUCTION. POSSIBLE CANDIDATES FOR SERIES PRODUCTION OF THE M1982/2 WOULD BE AVRIG MOTOR VEHICLE PLANT AND THE BUCURESTI [Redacted] PLANT. (SWN)

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THE PRESENCE OF SKIS ON THE VEHICLE'S REAR DECK IN THE PARADE AND THE SHORTER LENGTH OF THE VEHICLE SUGGESTS THE M1984/2 IS FOR USE WITH ROMANIA'S MOUNTAIN TROOPS WHILE THE M1984/1 WOULD BE FOR THE MANEUVER UNITS OF TANK AND MOTORIZED RIFLE DIVISIONS. NEITHER THE M1984/1 NOR THE M1984/2 HAVE BEEN SEEN DEPLOYED WITH ROMANIAN GROUND FORCE UNITS. (SWN)

3. [Redacted] COORDINATES 44-59-48N 026-25-33E (S)

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4. [Redacted]

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