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imagery analysis report

Yugoslavian Ground Forces Equipment and Organization (S)



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WNINTEL

Z-14542/82
IAR-0005/82
APRIL 1982
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YUGOSLAVIAN GROUND FORCES EQUIPMENT AND ORGANIZATION (S)

INTRODUCTION

1. (S/D) This report provides the first complete imagery-derived analysis of equipment trends, unit identifications, and order of battle in the ground forces of the Yugoslav People's Army (YPA), Yugoslavia. Information for this detailed analysis was derived from imagery acquired from April 1980 through December 1981. Military unit designators and subordination were derived from a collateral document.¹ The equipment and activity observed have indicated that some units are better equipped than was previously believed and that the YPA is engaged in upgrading its ground forces. The reported¹ locations of a number of units, as previously reported in NPIC cables, have been changed (see tables), and several new brigade-sized units have been identified. Also, heavy infantry battalions of the Yugoslavian militia have been identified for the first time.

2. (S/D) This report contains ten tables. Table 1 presents the observed deployment of the M-1974 howitzer; eight tables provide a breakdown of YPA ground forces into army-level units, divisions, brigades, and units of unknown subordination in each army region (Tables 2 through 8) and in the Titograd region (Table 9). Table 10 outlines the disposition of militia units. A location map (Figure 1) and seven annotated photographs are also included in this report.

DESCRIPTION

Equipment Upgrading

3. (S/D) The YPA has been introducing new ground force equipment and retiring obsolescent items to improve the firepower and mobility of units. The most significant new piece of equipment recently introduced is the Soviet 122mm self-propelled (SP) howitzer M-1974. It has been seen with six units (Figures 2 and 3 and Table 1).

4. (S/D) Also recently introduced into active units is the Yugoslavian 128mm multiple rocket launcher (MRL) M-1975 (Yugoslavian designator M-77²). On [redacted] this MRL was identified with the artillery training regiment in Zadar. A probable MRL was identified with the artillery regiment in Knin (Table 5).

5. (S/D) Army-level artillery regiments are also being reequipped with newer weapons. These units apparently were originally equipped with US World War II-vintage 155/203mm guns M-2. These weapons have been almost entirely replaced by the Soviet 130mm field gun M-46 (Figure 4) and 152mm gun-howitzer ML-20. Four regiments now have the M-46, two have the ML-20, and one still has the M-2. The type of artillery at two other artillery regiments has not been determined.

6. (S/D) Two types of divisional and brigade artillery units are receiving new equipment. The Soviet 100mm antitank (AT) gun T-12 is replacing the old US M-36B2 SP AT guns in the AT battalions of divisions and the AT batteries of brigades. The Soviet 122mm howitzer D-30 (Figure 5) is replacing the Yugoslavian 105mm howitzer M-56 in the divisional artillery regiments. This trend will probably continue since the D-30 is now being produced in Yugoslavia under license from the Soviet Union.³

7. (S/D) A review of imagery has revealed that YPA infantry regiments are better equipped than was previously believed. Most, if not all, have organic tank units. Deployment patterns suggest that one tank company is assigned to each infantry battalion. Units of lower strength may have a tank platoon for each infantry battalion. Many regimental artillery batteries are equipped with the 155mm howitzer M-65 rather than with the 105mm and 122mm guns.

8. (S/D) Throughout the YPA, the Yugoslavian FAP-2026—a 5-ton, 6-by-6 cargo truck (Figure 6)—is replacing the US World War II-vintage M-4 and M-5 artillery tractors in artillery and antiaircraft artillery units. This replacement provides significantly increased reliability and decreased maintenance requirements.

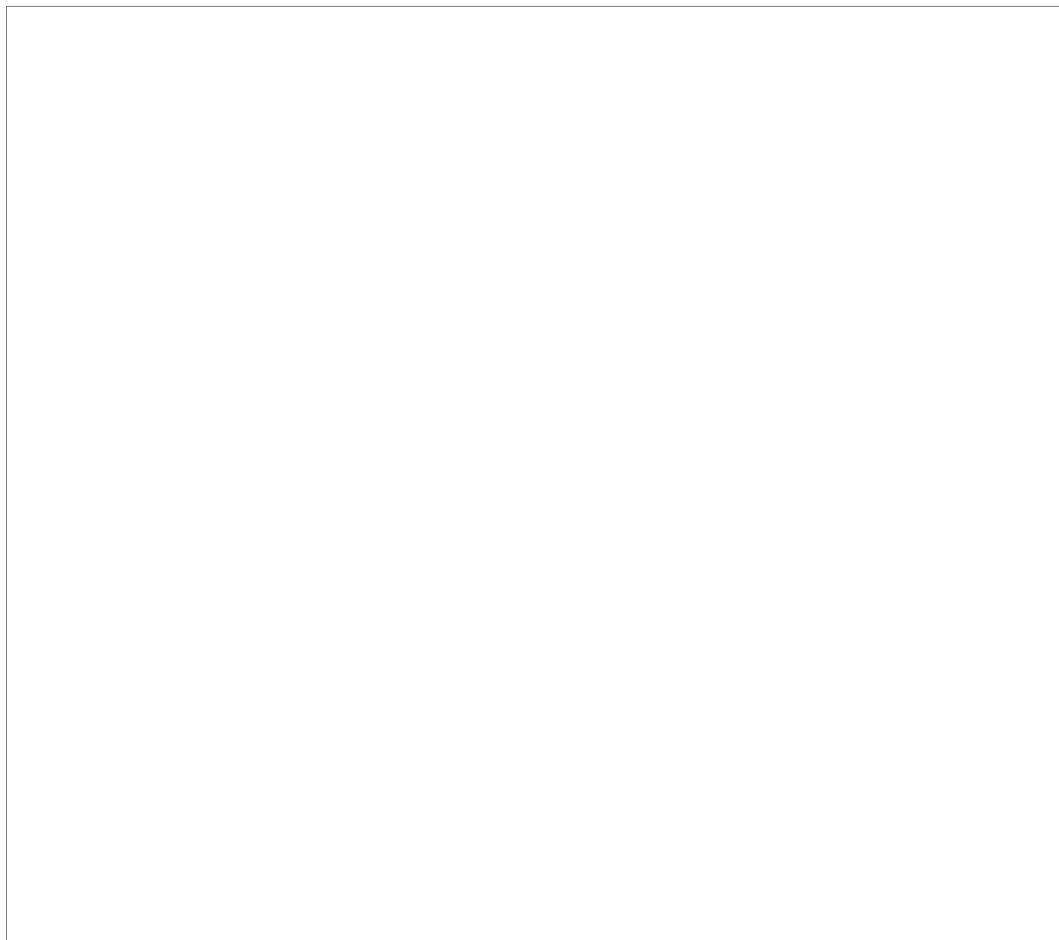
New Units

9. (S/D) A probable mechanized infantry brigade and a possible mechanized infantry unit have been identified in the 1st Army Region. A possible infantry brigade may be forming in the 3rd Army Region, and a previously undetected infantry brigade may be in the 9th Army Region.

10. (S/D) In the 1st Army Region, elements of the probable mechanized infantry brigade are in Cacak and Pozega. Two mechanized infantry battalions, a probable mechanized infantry battalion, a chemical defense company, and an unidentified unit are in Cacak (Figure 7); in addition, a tank battalion is in Pozega, approximately 10 nautical miles (nm) west of Cacak. The possible mechanized infantry unit is near Belgrade (Beograd); a tank battalion, a mechanized infantry company, and an artillery unit were identified in a recently constructed installation.

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11. (S/D) A possible infantry brigade may be forming near the Bulgarian border at Strumica in the 3rd Army Region. The unit there has been reported as being an infantry regiment subordinate to the 16th Infantry Division.¹ However, there are more support units present than are needed for an infantry regiment. These units include an artillery battalion equipped with the 152mm howitzer D-1, an anti-aircraft battalion, and a chemical defense company. In addition, two new vehicle storage areas have been constructed, and training facilities have been upgraded in the past two years.

12. (S/D) An analysis of units in Adjovscina and Vipava, 9th Army Region, suggests the presence of a possible infantry brigade on the Italian border. These units have been reported as being elements of an infantry regiment subordinate to the 1st Infantry Division.¹ Units identified in the two towns include four infantry battalions, an artillery battalion, an anti-aircraft battalion, a probable tank battalion, a possible SP AT battery, and an engineer company.

Units in the Yugoslavian Militia

13. (S/D) Yugoslavian militia heavy infantry battalions have been identified and located for the first time. The militia is a paramilitary force used for internal security. One of these heavy infantry battalions evidently was the first outside unit sent into Kosovo Province to suppress riots in the spring of 1981. A militia heavy infantry battalion is equipped with six to eight TAB-72 armored personnel carriers (APC), 20 Pinzgauer 4-by-4 vehicles (built in Austria), ten AR-51 utility vehicles, and five cargo trucks. Also, police cars may be collocated with a battalion (Figure 8). Single heavy infantry battalions have been identified in Ljubljana, Maribor, Sarajevo, Split, Nis, and Titograd. Three heavy infantry battalions have been identified in Belgrade. Each city where a heavy infantry battalion has been observed includes a headquarters for either a military region or a military district. These militia units are probably at all similar headquarters locations.

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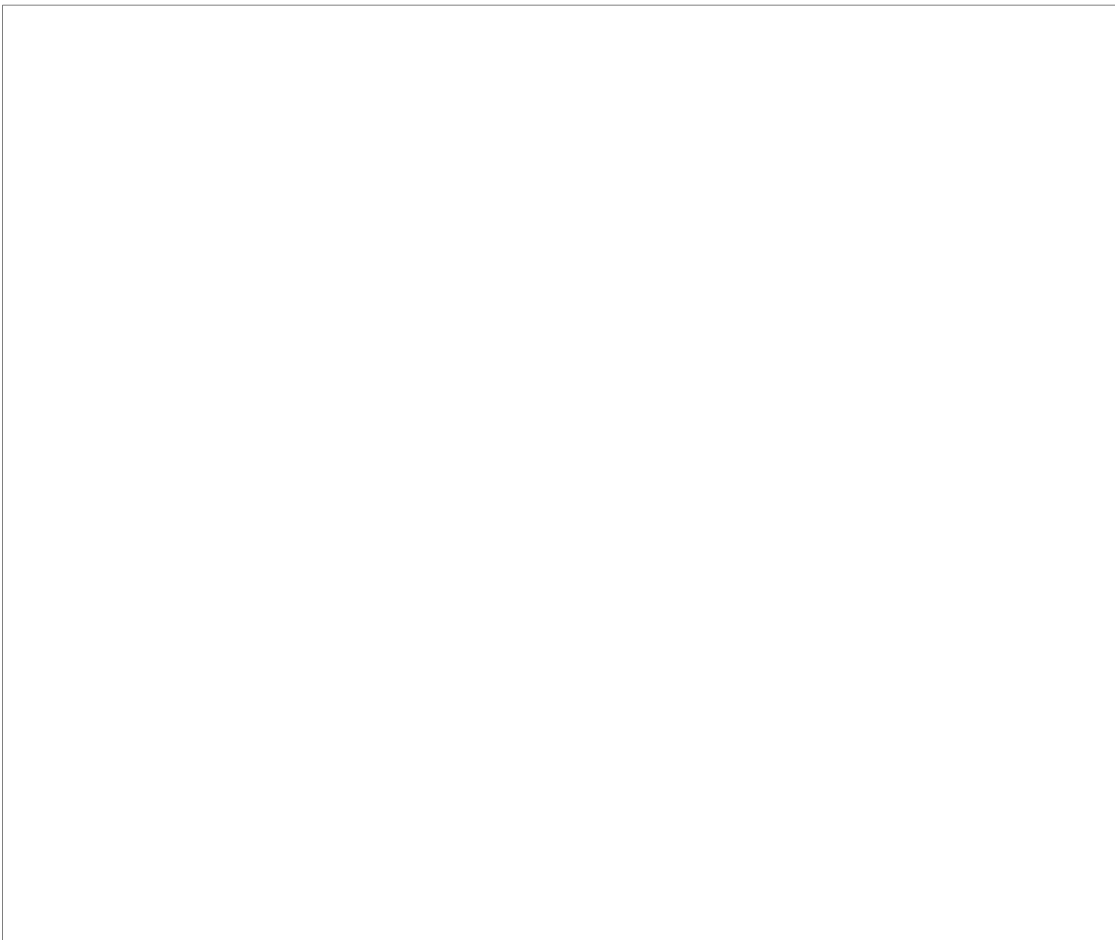


Table 1.
Deployment of the M-1974 Howitzer in Yugoslavia
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Parent Unit	Strength	Installation	Date M-1974 First Seen
16th Mech Inf Bde	1 bn	Sombor Army Bks N 001	
268th Tk Bde	1 bn	Vrhnika Army Bks and Stor Dpo 002	
Unid mech inf bde	1 btry	Vrsac Army Bks 001	
243rd Tk Bde	1 btry*	Skopje Army Bks and Sup Dpo NW	
232nd Tk Bde	1 btry	Jastrebarsko Army Bks 001	
14th Inf Div	1 btry	Zagreb Army Bks South	

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* Identified with the brigade in its bivouac at Pristina Vrelo Airfield

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SECRET**Table 2.**
1st Army Region

This table in its entirety is classified SECRET/WNINTEL

Installation	Unit	Significant Equipment	Remarks*
Army-Level Units			
Cuprija Bks 001 [redacted]	152nd Arty Regt. unid AT regt	152mm gun-howitzer ML-20. 85/100mm AT gun	25X1
Kragujevac Army Bks NW 003 [redacted]	310th AAA Regt	94mm AA gun	25X1
Zemun Army Bks 003 [redacted]	377th AAA Regt	40mm L-70 AA gun, 94mm AA gun	25X1
Cacak Army Bks 001 [redacted]	360th AAA Regt	M-53/59 SPAA	25X1
Sabac Army Bks 001 [redacted]	305th/467th Engr Regt		25X1
Titovo Uzice Army Bks East 002 [redacted]	398th Sig Regt		Unid combat unit also present 25X1
Gornji Milanovac Army Bks NE 001 [redacted]	Unid sig regt		Poss combat unit also present 25X1
Bela Crkva Army Bks South 001 [redacted]	Unid motor transport bn		25X1
Zrenjanin Army Bks West [redacted]	Prob medical tng bn	SU-100 assault gun	Prob AT unit also present 25X1
4th Tito Guards Infantry Division			
Beograd Army Bks and HQ 060/061 [redacted]	Div hq, 118th Inf Regt. sig bn, engr co, prob recon co, poss technical service co, CBR co		Militia heavy inf bn also present 25X1
Vaijevo Army Bks and HQ North 003/004 [redacted]	181st Inf Regt	M-47/T-34 tanks	25X1
Pozarevac Army Bks 002 [redacted]	186th Inf Regt	M-47 tanks, 155mm howitzer M-65, 100mm AT gun T-12	25X1
Beograd Army Bks Banjica 082 [redacted]	131st Inf Regt, AT bn, 391st AAA Bn, tk bn arty regt, sig unit	T-54/55 tank, 100mm AT gun T-12, M-53/59 SPAA, 122mm, howitzer M-30	Arty regt may be an independent unit 25X1
Beograd Tank Bks 024 [redacted]	4th Tk Regt	T-54/55 tanks	25X1
Kragujevac Army HQ and Bks 002 [redacted]	137th Arty Regt	122mm howitzer D-30, 105mm howitzer M-56	25X1
Beograd Bks Banjica 092 [redacted]	603rd Motor Transport (MT) Bn		Instead of at Beograd Army Bks Banjica 082 [redacted] 25X1
8th Infantry Division			
Novi Sad Army Bks Central 003 [redacted]	Div hq, inf bn		25X1
Novi Sad Army Bks and School 002 [redacted]	2 inf bns		25X1
Novi Sad Army Bks 004 [redacted]	Inf bn, prob sig bn, prob CBR co		25X1
Novi Sad Military Post Petrovaradin 1,2,3 [redacted]	Tk bn, sig co, AAA bn, technical svc co	T-34 tanks, M-60 APC, M-53/59 SPAA, 20mm AA M-55, AA M-55, 20mm AA HSS-804	25X1
Sremska Mitrovica Army Bks NW [redacted]	453rd Inf Regt		25X1
Sabac Army Bks SW [redacted]	65/77th Inf Regt	M-47 tanks, 155mm howitzer M-65	25X1
Ruma Army Bks and Trng Center 001 [redacted]	Tk bn	T-34/M-47 tanks	Insufficient room for entire tk regt 25X1
Ruma Army Bks Central 002 [redacted]	Arty regt		Also serves as an arty school 25X1

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Table 2. Continued

Installation	Unit	Significant Equipment	Remarks*
Backa Topola Army Bks [redacted]	414th AT Bn	M-36 SPAT	25X1
Sabac Army Bks 001 [redacted]	Prob 402th Engr Bn		25X1
130th Infantry Brigade			
Smed Palanka Army Bks 002 [redacted]	Prob bde hq, inf bn, AAA btry, CBR co	M-53/59 SPAA 20mm AA HSS-804	25X1
Pozarevac Army Bks 003/004 [redacted]	Prob inf bn, AT bty, AAA bty, enrg co	M-36 SPAT, MT-55, 20mm AA M-55, 105mm howitzer M-56	May be trng units; installation has has numerous basic trng facilities 25X1
Smederevo Army Bks 001 [redacted]	Tk bn, prob inf bn		25X1
Svilajnac Bks 001 [redacted]	Prob inf bn		25X1
Unidentified Infantry Brigade			
Raska Military Trng Center and Bks 002 [redacted]	Prob bde hq, arty bn, 2 prob inf bns, AT btry, AAA btry	122mm howitzer M-30, Tito gun, 37mm AA gun, M-36 SPAT	25X1
Kursumlija Army Bks 001 [redacted]	Prob inf bn	122mm howitzer D-30	25X1
Novi Pazar Army Bks [redacted]	Tk bn, prob CBR co, prob motor transport co	T-34/M-47 tanks	25X1
16th Mechanized Infantry Brigade			
Subotica Army Bks 002 [redacted]	Mechanized inf bn, enrg co	T-54/55 tanks, M-60 APC, ZSU-57/2, MT-55	25X1
Subotica Army Bks 006 [redacted]	Mechanized inf bn	T-34 tanks, M-60 APC	25X1
Sombor Army Bks North 001 [redacted]	Tk bn, SP arty bn, mechanized inf bn	122mm SP howitzer M-1974, M-60 APC, T-34/M-47/T-55 tanks	25X1
Backa Topola Army Bks [redacted]	Mechanized inf bn	M-60 APC	25X1
Unidentified Mechanized Infantry Brigade			
Pancevo Army Bks 005 [redacted]	2 prob mechanized inf bns, support units	T-54/55 tanks, M-60 APC 122mm SP howitzer M-1974	Also serves as central receiving point for new military equipment 25X1
Vrsac Army Bks 001 [redacted]	Mechanized inf bn, tk bn, SP arty btry, SPAA btry	T-54/55 tanks, T-34 tanks, M-60 APC, 122mm SP howitzer M-1974, ZSU-57/2	25X1
Kikinda Army Bks 001 [redacted]	Mechanized inf bn	M-60 APC	25X1
Zrenjanin Army Bks West [redacted]	Prob AT btry	SU-100 assault gun	Army-level medical unit also present 25X1
Probable Mechanized Infantry Brigade			
Cacak Army Bks 002 [redacted]	2 mechanized inf bns, 1 prob mechanized inf bn, CBR co	T-34 tanks, M-60 APC, AGV-3 sets	25X1
Pozega Army Bks NE [redacted]	Tk bn	M-47 tanks	25X1
312th Tank Brigade			
Kraljevo Army Bks West 009 [redacted]	Tk bde	T-54/55 tanks	25X1
Units of Unknown Subordination			
Beograd Army Bks Jakovo [redacted]	Tk bn, mechanized inf co, arty unit	M-47 tanks, M-60 APC, 76mm Tito gun	New installation 25X1
Beograd Army Bks Banjica 082 [redacted]	Arty regt	122mm howitzer M-30	25X1
Beograd Trng Center SE [redacted]	Tk bn, arty bn, AT bn	T-34 tanks, 155mm howitzer M-65, 85/100mm AT gun	25X1
Obrenovac Bks 001 [redacted]	Prob inf bn		No enrg regt present as previously reported 25X1

* Imagery-derived observation versus listing in referenced document 1.

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2nd Army Region***This table in its entirety is classified SECRET/WNINTEL*

Installation	Unit	Significant Equipment	Remarks*
Army-Level Units			
Gnjilane Army Bks NE 001	Unid AT regt	M-36 SPAT, 85/100mm AT guns	25X1
Nis Bks 008	421st Arty Regt, 240th Sig Bn	152mm howitzer-ML-20	25X1
Kosovska Mitrovica Army Bks SE	Elms-128th Arty Regt, unid unit		25X1
Kosovska Mitrovica Army Bks N	Elms 128th Arty Regt, unid unit		Newly identified installation 25X1
Nis Army Bks NW 006	SA-6 regt, 342nd AAA Regt	SA-6 TEL, M-53/59 SPAA	SA-6 regt is operational 25X1
Prokuplje Bks 005	Engr bn/regt		25X1
Krusevac Army Bks NE	CBR tng bn		Instead of at Krusevac Army Bks SE elms at Krusevac CBR Tng Area 25X1,1 25X1
2nd Infantry Division			
Nis Bks/Tng Area and Supply Dpo 003	Tk regt, inf regt, AT bn, MT co, hvy lft co, SPAA btry	T-34 tank, 100mm AT gun T-12, BRDM-2, M-5359 SPAA	Instead of at Nis Army Bks NW 005 25X1 25X1
Pirot Bks and HQ Milos Obrenovac 001	146/164th Inf Regt		25X1
Krusevac Army Bks SE	7/19th Inf Regt	T-34 tank	Instead of at Krusevac Army Bks NE 25X1
Aleksinac Mil Post 001	47th Arty Regt, unid unit	122mm howitzer M-30	25X1
Nis Bks 008	240th Sig Bn		25X1
Prokuplje Bks 005	AAA bn	Hvy AA gun	25X1
15th Infantry Brigade			
Pristina Army Bks SW	Tk bn, 2 inf bns, engr co, hvy lft co, SPAA btry, AAA btry, prob MT co	T-34 tanks, MT-55, M-53/59 SPAA, 20mm AA M-55	25X1
Urosevac Army Bks 001	Tk bn, prob arty bn	T-34/M-47 tanks	Bde has extra tk bn 25X1
Prizren Army Bks 002/003	Prob inf bn, AT btry	M-36 SPAT	25X1
Pac Bks South	Prob inf bn		25X1
28th Infantry Brigade			
Zejecar Army Bks 003	Tk bn, 2 inf bns, prob MT co, arty btry, SPAA btry, unid unit		25X1
Negotin Army Bks 001	Inf bn, arty bn		25X1
Knjazevac Army HQ and Bks 001	Inf bn, AT btry, AAA btry, arty btry, medical plat	100mm AT gun T-12, 40mm AA gun L-70, 105mm howitzer M-56, FAP-2026 truck	25X1
45th Infantry Brigade			
Leskovac Army Bks SW 002	Tk bn, 2 inf bns, SPAA btry	T-34 tanks, M-53/59 SPAA	May be converting to mech inf 25X1
Leskovac Army Bks SE 001	Arty bn, AT btry, AAA btry	76mm Tito gun, 85/100mm AT gun, 37mm/40mm AA gun, 20mm AA gun	25X1
Prokuplje Bks 005	Prob inf bn, prob MT co		25X1
211th Tank Brigade			
Nis Army Bks NW 005	211th Tk Bde	Prob T-34 tanks, M-60 APC, SA-9, M-53/59 SPAA, MT-55	Instead of at Nis Bks/Tng Area A Supply Dpo 003 25X1 25X1

* Imagery-derived observation versus listing in referenced document 1.

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Table 4.
3rd Army Region

This table in its entirety is classified SECRET/WNINTEL

Installation	Unit	Significant Equipment	Remarks*	
Army-Level Units				
Vranje Army Bks NE 001 [redacted]	144th Arty Regt. 5/361st AT Regt. elms 325th AAA Regt	130mm field gun M-46. 100mm AT gun. 20mm AA gun M-55	144th Arty Regt instead of at Titov Veles Army Barracks 004 [redacted]	25X1 25X1
Vranje Army Bks S 002 [redacted]	Elms 325th AAA Regt	20mm AA gun HSS-804		25X1
Skopje Army Bks and Sup Dpo NW [redacted]	353rd AAA Regt. 352nd Engr Regt. 319th Sig Regt	M-53/59 SPAA, 20mm AA guns. PMP		25X1
10th Infantry Division				
Skopje Army Bks and sup Dpo NW [redacted]	87th Inf Regt. MT co/bn, CBR co	M-70 decontamination veh		25X1
Bitola Army Bks and Depot S [redacted]	165th Inf Regt. AT bn, recon co, CBR co, 348th Sig Bn, unid radar unit, poss med co	BRDM, 85/100mm AT gun, M-70 decontamination veh, 20mm AA gun		25X1
Ohrid Army Bks 001 [redacted]	2 inf bns, SPAT btry	M-36 SPAT		25X1
Prilep Army Bks 001 [redacted]	37/138th Tk Regt. 318th Engr Bn, 2 inf bns, hvy arty bn	T-34 tank 155mm howitzer M-65	Inf bns, arty bn of unid subordination	25X1
Kicevo Army Bks 002 [redacted]	Arty regt, AAA bn	M-53/59 SPAA		25X1
16th Infantry Division				
Kumanovo Army Bks 001 [redacted]	Inf bn, prob sig bn, prob MT co, tech svc co		Inf units newly identified	25X1
Kumanovo Army Bks 002 [redacted]	42nd Tk Regt. AAA bn 2 inf bns, SPAT btry	T-34 tanks, M-53/59 SPAA, M-36 SPAT, 20mm AA gun M-55, 20mm AA gun HSS-804		25X1
Vranje Army Bks NE 001 [redacted]	2 inf bns			25X1
Vranje Army Bks S 002 [redacted]	1 inf bn			25X1
Stip Army Bks 002 [redacted]	2 inf bns (212th Regt), prob engr bn, AT bn, tk plat, AAA btry			25X1
Titov Veles Army Bks 004 [redacted]	2 inf bns (212th Regt), unid unit			25X1
Tetovo Army Bks [redacted]	Arty regt	1 122mm D-30 bn, 1 155mm M-65 bn		25X1
243rd Tank Brigade				
Skopje Army Bks and Sup Dpo NW [redacted]	243rd Tk Bde	T-54/55 tanks, M-60 APC, 122mm SP howitzer M-1974		25X1
Units of Unknown Subordination				
Strumica Army Bks 001 [redacted]	2 inf bns, hvy arty bn, AAA bn, prob engr co, CBR co, tech svc co; 2 unid units	152mm howitzer D-1, M-53/59 SPAA, 20mm AA gun M-55, 20mm AA gun HSS-804, M-36 SPAT	Units may be nucleus of new inf bde	25X1
Prilep Army Bks 001 [redacted]	Hvy arty bn, 2 inf bns	155mm howitzer D-1		25X1

* Imagery-derived observation versus listing in referenced document 1.

Table 5.
4th Maritime Military Region

This table in its entirety is classified SECRET/WNINTEL

Installation	Unit	Significant Equipment	Remarks*
Region-Level Units			
Zadar AAA/SAM Trng Center and Bks Nin [redacted]	SA-6 regt. prob AAA regt		25X1
Zadar Air Defense Cntr/ Army Bks 006 [redacted]	AAA tng regt		25X1
Zadar Army Bks and Trng Cntr 007 [redacted]	Arty tng regt. MRL bn		MRL bn new 25X1
Knin Army Bks 002 [redacted]	Arty regt. prob MRL bn		25X1
Sinj Army Bks ans HQ NE [redacted]	Prob hq units, poss sig unit		25X1
Sinj Army Bks SW [redacted]	Engr bn		25X1
Northern Coastal Defense Sector			
Mali Losinj Army Bks [redacted]	Inf bn, coastal arty btry		25X1
Central Coastal Defense Sector			
Sibenik Bks Area Mandalina 001 [redacted]	Hq units, poss sig unit		25X1
Sibenik Mil Bks 002 [redacted]	Inf bn, SPAT btry, AAA btry		25X1
Sibenik AAA Bks [redacted]	AAA bn, tk co, hvy arty btry	T-34 tanks, 152mm howitzer D-1. 37mm AA gun M-39, 37mm AA gun M-36	25X1
Banderica Mil Bks [redacted]	Inf bn, CBR co, tech svc co		25X1
Ubli Army Bks 001 [redacted]	Inf bn, CBR co, AAA btry		On Lastovo Island 25X1
Southern Coastal Defense Sector			
Trebinje Army Bks 001 [redacted]	3 inf bns, unid bn		25X1
27th Infantry Brigade			
Knin Army Bks 003 [redacted]	Inf bn, engr co, AAA btry, hvy AAA btry		25X1
Knin Army Bks 002 [redacted]	Prob inf bn, AT btry		25X1
Benkovac Bks 001 [redacted]	Tk bn, prob inf bn, unid unit	M-47/T-34 tanks	25X1
Sinj Army Bks SW [redacted]	Inf bn, poss sig unit, prob tech svc co, poss sig unit		25X1
Units of Unknown Subordination			
Vis Army Bks Zlo Polje [redacted]	Arty bn, tk co, arty btry	152mm howitzer D-1	25X1
Radovici Army Bks [redacted]	Coastal arty btry, 2 unid bn-sized units	130mm field gun M-46	25X1
Tivat Mil Instl N [redacted]	AAA bn, arty btry	88mm AA guns, 85mm AA guns	25X1
Ploce Naval Bks [redacted]	Prob hq units, AAA bn, prob med co, prob sig co	88mm AA guns, 85mm AA guns, 20mm AA guns M-55	25X1

* Imagery-derived observation versus listing in referenced document 1.

SECRET**Table 6.**
5th Army Region*This table in its entirety is classified SECRET/WNINTEL*

Installation	Unit	Significant Equipment	Remarks*	
Army-Level Units				
Zagreb Army Bks SE [redacted]	SA-6 regt		Instead of at Zagreb AAA Bks 019 [redacted]	25X1
Zagreb AAA Bks 019 [redacted]	303rd AAA Regt, 305th AAA Regt. unid CBR unit	M-53/59 SPAA	CBR unit instead of at Zagreb Army Bks NE 003 [redacted]	25X1 25X1
Zagreb Army Bks South [redacted]	213/513th Engr Regt			25X1
Krizevci Army Bks 001 [redacted]	Prob AT regt			25X1
Karlovac Army Bks 024 [redacted]	Arty regt		130mm field gun M-46 has replaced 155mm howitzer M-2	25X1
Delnice Army Bks 002 [redacted]	Prob mtn inf bn			25X1
Samobor Army Bks [redacted]	Unid regt. unid bn			25X1
6th Infantry Division (Reserve)				
Karlovac Army HQ and Bks 004 [redacted]	Div hq, prob sig bn			25X1
Karlovac Army Bks 002 [redacted]			No bks at referenced coordinates	25X1
Karlovac Army Bks 001 [redacted]	AAA bn, arty unit, CBR co, MT co	155mm howitzer M-65		25X1
Karlovac Ord Sup Dpl Logoriste [redacted]	Tk regt. res storage	T-54/55 tank, BTR-50, ZSU-57/2, BRDM-2	Regt very active, may be indep unit	25X1
Karlovac Army Bks Central [redacted]	Prob inf bn		Newly identified installation	25X1
Karlovac Army Bks A ORD Dpo 506/522 [redacted]	Assault-crossing bn, 2 Ponton Bridge cos		May be nondiv engr unit	25X1
Karlovac Army Sch Engr Tng Annex 008 [redacted]	Regt-sized unit		Troop housing only: no equip	25X1
Gospic Army Bks West [redacted]	10th Inf Regt			25X1
14th Infantry Division				
Varazdin Army Bks East [redacted]	Div hq, poss CBR co			25X1
Varazdin Army Bks 003 [redacted]	8th Tank Regt. tech svc co	T-54/55 tanks, ZSU-57/2	Not at full strength	25X1
Varazdin Army Bks 011 [redacted]	26th Arty Regt, 14th AAA Bn	155mm howitzer M-65, M-53/59 SPAA, 105mm howitzer M-56		25X1
Zagreb Army Bks South [redacted]	104/144th Inf Regt, SP btry (M-1974)	M-47 tank, 122mm SP howitzer M-1974	A second reserve inf regt may be present	25X1
Koprivnica Army Bks [redacted]	73rd Inf Regt			25X1
Nova Gradiska Army Bks 001 (no BE number)			No bks found in area; however, tng and storage facilities present	25X1
Nova Gradiska Storage DPO [redacted]	Poss inf unit storage			25X1
Cakovec Army Bks 001 [redacted]	Engr bn, prob inf bn, 2 unid bn-sized units			25X1

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Table 6. Continued

Installation	Unit	Significant Equipment	Remarks*	
13th Infantry Brigade				
Rijeka Army Bks 004 [redacted]	2 inf bns, prob sig co, tech svc co, 2 unid units			25X1
Rijeka Army Bks NW 006 [redacted]	Arty bn	155mm howitzer M-65	No AAA regt observed	25X1
Ilirska Bistrica Army Bks NW [redacted]	2 tk bns, engr co, 3 prob inf bns	M-47 tanks, MT-55		25X1
Ilirska Bistrica Army Bks South [redacted]	Prob inf bn			25X1
Klana Army Bks East [redacted]	Prob inf bn, SPAT btry, howitzer btry	M-36 SPAT		25X1
25th Infantry Brigade				
Pula Bks and Trng Cntr 001 [redacted]	2 inf bn, tk co, SPAT btry, SPAA btry, AAA btry, CBR co, tech svc co	M-47 tanks, M-36 SPAT, 152mm howitzer D-1, M-53/59 SPAA, 20mm AA gun		25X1
Pula Army Bks NW [redacted]	2 arty bns, mortar btry	152mm howitzer D-1, 105mm howitzer M-56, 120mm mortar		25X1
Pazin Army Bks [redacted]	Tk bn			25X1
Umag Army Bks [redacted]	Prob inf bn		Newly identified installation	25X1
Unidentified Infantry Brigade (Reserve)				
Petrinja Army Bks South [redacted]			New installation occupied on [redacted] room for entire bde	25X1 25X1
Sisak Army HQ and Bks 001/002 [redacted]	Elms inf bde			25X1
Sisak Army Bks South 003 [redacted]	Elms inf bde			25X1
Petrinja Army Bks 002 [redacted]	Elms inf bde			25X1
Tank Brigades				
Dugo Selo Army Bks NW 001 [redacted]	31st Tk Bde			25X1
Jastrebarsko Army Bks 001 [redacted]	232nd Tk Bde, SP howitzer btry	T-54/55 tanks, M-60 APC, ZSU-57/2, 122mm SP howitzer M-1974		25X1
Bjelovar Army Bks Filipovic [redacted]	265th Tk Bde hq, tk bn, SAM btry, SPAA btry	T-54/55 tank, ZSU-57/2, SA-9		25X1
Bjelovar Storage Dpo [redacted]	3 tk bns, engr co, CBR co, unid units		Elms of 265th Tk Bde	25X1
Units of Unknown Subordination				
Ptuj Infantry Bks 2 [redacted]	AT bn			25X1
Virovitica Army Bks [redacted]	Inf bn, SPAA btry			25X1
Crnomelj Army Bks and HQ 001 [redacted]	2 inf bns, hq unit			25X1
Slavonska Pozega Army Bks [redacted]	MT bn		Prob army-level unit & school	25X1

* Imagery-derived observation versus listing in referenced document 1.

SECRET**Table 7.**
7th Army Region*This table in its entirety is classified SECRET/WNINTEL*

Installation	Unit	Significant Equipment	Remarks*
Army-Level Units			
Sarajevo HQ 7th Army District 001 [redacted]	Regional hq		
			25X1
Sarajevo Army Bks and Ord Dpo 005 [redacted]	SA-6 Regt, 346th AAA Regt	SA-6, M-53/59 SPAA, 20mm AA gun M-55	AAA regt not at Sarajevo Army Bks Lukavica 003 [redacted] cannot confirm 114th Arty Regt on imagery
			25X1 25X1
Visoko Army Bks [redacted]	Unid unit		Cannot confirm 195th Arty Regt on imagery
			25X1
Mostar Army Bks N 003 [redacted]	22nd Arty Regt	155mm howitzer M-2	
			25X1
Banja Luka Army Bks North 004 [redacted]	Prob 444th Arty Regt, 216/293rd Engr Bn		
			25X1
Dakovo Army Bks 001 [redacted]	AT regt, prob CBR bn	SU-100 assault guns	
			25X1
Zenica Army Bks 001 [redacted]	381st AAA Regt, prob CBR bn		
			25X1
Mostar Army Bks and Ord Dpo 2 [redacted]	AAA, arty dpo, prob const unit	95mm AA gun MK3, 155mm Howitzer M-2, 105mm howitzer M-56	
			25X1
Sarajevo Army Bks 004 [redacted]	151st Sig Regt		Not at Sarajevo Army Bks Lukavica 003 [redacted]
			25X1 25X1
Bijeljina Army Bks 001 [redacted]	Unid unit		Cannot confirm 317th Sig Regt/Bn on imagery
			25X1
Sarajevo Army Bks Marshall Tito 002 [redacted]	Mil school		Cannot confirm sig bn on imagery
			25X1
Kiseljak Mil Bks 001 [redacted]	34/194th CBR Bn		
			25X1
Mostar Army Bks 006 [redacted]	Unid units		Cannot confirm 21st CBR Bn
			25X1
Capljina Army Bks 001 [redacted]	MT bn, MT tng bn		
			25X1
12th Mechanized Infantry Brigade			
Osijek Army Bks 003 [redacted]	3 mech inf bns, arty bn	T-34 tanks, M-60 APC, 122mm howitzer M-30, M-53/59 SPAA	
			25X1
Nasice Army Bks 001 [redacted]	Mech inf bn, tk bn	M-60 APC, M-47 tanks	
			25X1
Vukovar Mil Bks [redacted]	Prob engr co		
			25X1
117/92nd Infantry Brigade			
Tuzla Army Bks NE 007/013 [redacted]	2 inf bns, engr co, prob sig co, MT co, CBR co, med co, AAA btry, tech svc co		
			25X1
Brcko Army Bks 001 [redacted]	Inf bn, tk bn		
			25X1
Doboij Army Bks Miljkovac 001 [redacted]	Arty bn, poss inf bn	T-34/M-47 tanks, 122mm howitzer D-30, 105mm howitzer M-56	
			25X1
Derventa Army Bks NW [redacted]	Inf bn, unid unit		
			25X1
26th Infantry Brigade			
Mostar Army Bks N 003 [redacted]	2 inf bns, prob engr co, prob CBR co, unid unit		
			25X1
Mostar Army Bks 006 [redacted]	Unid units		May be inf bns of 26th Inf Bde
			25X1

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Table 7. Continued

Installation	Unit	Significant Equipment	Remarks*
Unidentified Infantry Brigade			
Sarajevo Army Bks West [redacted]	Prob inf bn, sig co, CBR co, tech svc co		25X1
Sarajevo Army Bks and Ord Dpo 005 [redacted]	Tk bn, prob sig co, 4 unid bn-sized units	T-34 tanks	25X1
Sarajevo AB Lukavica 003 [redacted]	Prob arty bn	155mm howitzer M-65	25X1
121st/122nd Tank Brigade (Training)			
Banja Luka Armd Tng Sch and Army Bks 003 [redacted]	3 tk bns	T-34, M-47, T-54/55 tanks, M-60 APC	Not at Banja Luka AB N 004 [redacted] 25X1
Banja Luka Army Bks Vrbas 002 [redacted]	Tk bn, mech inf co CBR co, tech svc co	T-34 tanks, M-47 tanks, M-60 APC, BTR-50PU	25X1
Unidentified Infantry Brigade			
Banja Luka Army Bks North 004 [redacted]	4 inf bns, 2 SPAA btry, AAA btry, engr co/bn, tech svc co/bn		Engr, tech svc units may be army-level units 25X1
Units of Unknown Subordination			
Slavonski Brod Mil Fort and Bks [redacted]	River-crossing bn		25X1
Sarajevo Army Bks Citadel [redacted]	Hq units		Newly identified installation 25X1
Banja Luka Engr Dpo 516 [redacted]	River-crossing regt/bn		25X1

* Imagery-derived observation versus listing in referenced document 1.

Table 8.
9th Army Region

This table in its entirety is classified SECRET/WNINTEL

Installation	Unit	Significant Equipment	Remarks*
Army-Level Units			
Ljubljana HQ Podruclje Fld HQ And Bks 001 [redacted]	Regional hq		25X1
Ljubljana Army Bks Sent Vid [redacted]	Prob inf bn, unid unit		Militia hvy inf bn here 25X1
Ljubljana Army Bks 002 [redacted]	Prob inf bn, unid units		Cannot confirm 361st AAA Regt & 331st Engr Regt on imagery 25X1
Ljubljana Army Bks 008 [redacted]	CBR bn, sig bn		Cannot confirm 202nd MT Bn on imagery 25X1
Slovenska Bistrica Mil Bks [redacted]	Unid arty regt		Reequipped with 130mm M-46 instead of 203mm M-2 25X1
Novo Mesto Ord Dpo [redacted]	Unid engr bn		Instead of at Novo Mesto Army Bks [redacted] 25X1 25X1
Celje Army Bks 001 [redacted]	Prob engr bn		Elms at Celje Engr Stor Dpo [redacted] 25X1 25X1
1st Infantry Division			
Postojna Army HQ 009 [redacted]	Hq units		25X1
Postojna Army Bks 001 [redacted]	Sig bn, CBR co, recon co		Sig & recon units here instead of at Postojna Army Hq 009 [redacted] 25X1 25X1

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Table 8. Continued

Installation	Unit	Significant Equipment	Remarks*	
Postojna Army Bks 002 [redacted]	20th Inf Regt, 1st AT Bn, med unit	100mm AT gun T-12	Inf regt here instead of at Postojan Army Bks 001 [redacted]	25X1 25X1
Novo Mesto Army Bks [redacted]	129/145th Inf Regt, arty bn			25X1
Velike Bloke Army Bks [redacted]	Inf bn (active), prob inf regt (reserve)			25X1
Pivka Army Bks [redacted]	14th Tk Regt, prob inf bn	M-47/T-34 tanks	May be upgrading to full strength	25X1
Ribnica Army Bks 001 [redacted]	155th Arty Regt			25X1
Postojna Army Bks Velike Otok 005 [redacted]	AAA bn, tech svc co	M-53/59 SPAA, 20mm AA gun M-55		25X1
Postojna Ord Dpo No 1 507 [redacted]	Engr bn		Instead of at Vipava Army Bks North [redacted]	25X1
9/11th Infantry Brigade				
Maribor Army Bks Cavalry 002 [redacted]	Inf bn, prob inf bn, prob CBR co, unid unit			25X1
Maribor Army Sch and Bks SW 006 [redacted]	Tank bn, prob arty bn, Poss SPAT btry, engr co, SPAA btry, AAA btry			25X1
Maribor Army Bks 004 [redacted]	2 prob inf bns, prob tech svc co			25X1
345th Mountain Infantry Brigade				
Kranj Engr Storage Dpo [redacted]	Prob mtn inf bn, arty bn, CBR co, poss mtn co, poss tech svc co		Instead of at Kranj Army Bks 001 [redacted]	25X1 25X1
Kranj Army Bks 001 [redacted]			Nonmilitary installation	25X1
Skofja Loka Army Bks [redacted]	Prob mtn inf bn			25X1
Tolmin Army Bks [redacted]	Prob mtn inf bn			25X1
Bohinjska Bela Bks and Ammo/Ord Dpo [redacted]	Prob mtn inf bn, poss mtn inf bn			25X1
Bovec Army Bks [redacted]	2 prob mtn inf bns			25X1
Possible Infantry Brigade				
Ajdovscina Mil Post 001 [redacted]	Prob inf bn			25X1
Ajdovscina Army Bks North [redacted]	Prob inf bn, arty bn, poss SPAT btry			25X1
Vipava Army Bks North [redacted]	Inf bn, prob engr co, SPAA btry, AAA btry			25X1
Vipava Army Bks 001 [redacted]	Prob inf bn, prob tk bn			25X1
268th Tank Brigade				
Vrhnika Army Bks and Stor Dpo 002 [redacted]	268th Tk Bde, SP howitzer bn	T-54/55 tanks, M-60 APC, 122nn /SP howitzer M-1974	SP howitzer bn has 12 SP howitzers M-1974	25X1
Units of Unknown Subordination				
Ljubljana Army Bks Sent Vid [redacted]	Militia hvy inf bn			25X1
Maribor Army Bks NE [redacted]	Militia hvy inf bn			25X1

* Imagery-derived observation versus listing in referenced document 1.

SECRET**Table 9.**
Titograd Podrucje*This table in its entirety is classified SECRET/WNINTEL*

Installation	Unit
5th Infantry Brigade	
Titograd Army Bks W 002 [redacted]	Prob bde hq, sig co
Titograd Army Bks 003 [redacted]	Inf bn, tk bn, engr co, AAA btry, prob MT co
Danilovgrad Army Bks 001 [redacted]	Inf bn, arty bn
Bar Army Bks 001 [redacted]	Inf bn
Niksic Army Bks NW [redacted]	Inf bn
Titograd Army Bks NW 006 [redacted]	CBR co, prob med co, unid unit
Titograd Mil Instl N* [redacted]	Tech svc co
Unit of Unknown Subordination	
Pijevlja Army Bks 001 [redacted]	Prob mtn inf bn

*Newly identified installation.

Table 10.
Militia Units*This table in its entirety is classified SECRET/WNINTEL*

Installation	Unit	
Beograd Army Bks and HQ 60/61 [redacted]	2 hvy inf bns	25X1
Beograd Ministry Nat Def and Army HQ 004 [redacted]	1 hvy inf bn	25X1 25X1
Titograd Army Bks 003 [redacted]	1 hvy inf bn	25X1 25X1
Split Army Bks East [redacted]	1 hvy inf bn	25X1 25X1
Sarajevo Military Installation SW [redacted]	1 hvy inf bn	25X1 25X1
Ljubljana Army Bks Sent Vid [redacted]	1 hvy inf bn	25X1 25X1
Maribor Army Bks NE [redacted]	1 hvy inf bn	25X1 25X1
Nis Bks/Tng Area and Supply Depot 003 [redacted]	1 hvy inf bn	25X1 25X1
		25X1

REFERENCES**IMAGERY**

(S/D) All relevant satellite imagery acquired from [redacted] was used in the preparation of this report. 25X1

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1. DIA. DDB-1100-YO-80, *Ground Order of Battle: Yugoslavia (U)*, Aug 80 (SECRET)
2. DoD. IIR 6 890 5148 81, *YO Export List of Armament and Military Equipment*, 27 Jul 81 (CONFIDENTIAL [redacted]) 25X1
3. DoD. IIR 6 904 5118 80, *New Yugoslav Field Artillery Pieces*, 25 Aug 80 (UNCLASSIFIED) 25X1

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(S) Comments and queries regarding this report are welcome. They may be directed to [redacted] Warsaw 25X1,
Pact Forces Division, Imagery Exploitation Group, NPIC, [redacted] 25X1

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