

U.S. Dynamics Corporation — Sustainment Support

Systems include: TPS34EULSA

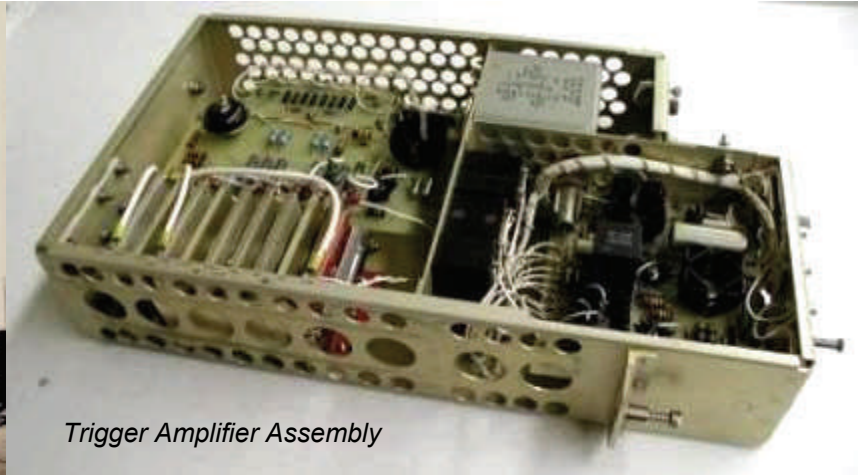
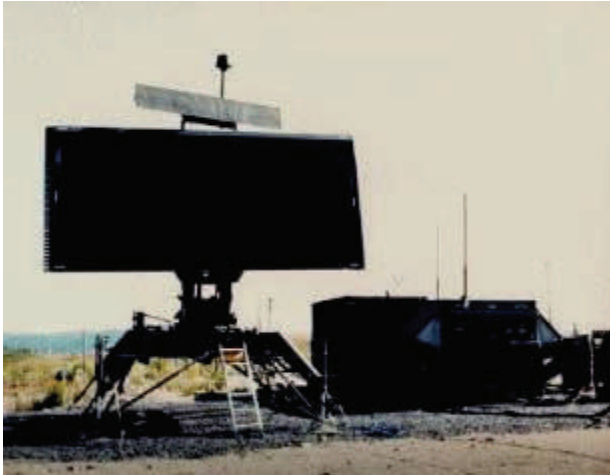
Services include: Repair, Overhaul, New Builds, Reverse Engineering, Technology Insertion and First Article Testing.

Please note that the capabilities shown below are not an all inclusive list. To request a quote complete the online form click or copy and paste the following link:

<http://usdynamicscorp.com/contact/productinfo.asp>



Repair, Overhaul or Factory New



Trigger Amplifier Assembly



*RF Amplifier Driver Assembly
Repair and New Build*



*Pulse Forming Network
Assembly*

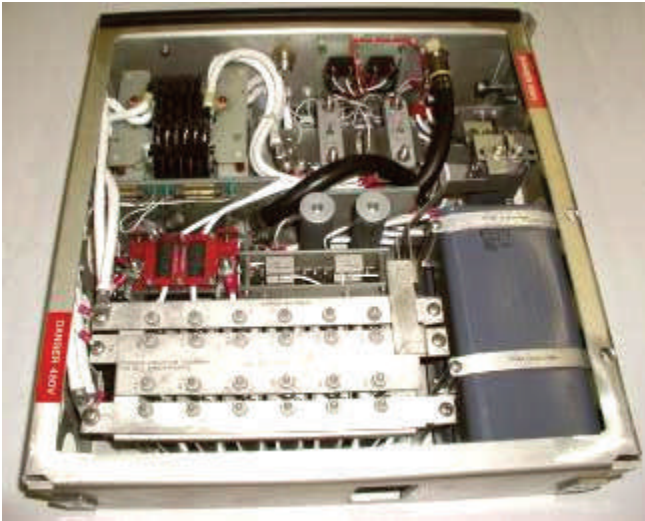


*Deflection and Power Control Assy
USD Factory New Unit*

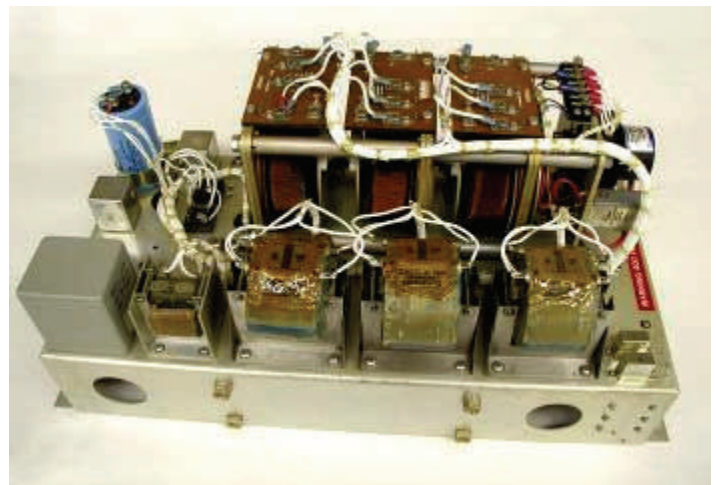
Click here to submit an RFQ or to request more information.

AN/TPS-70

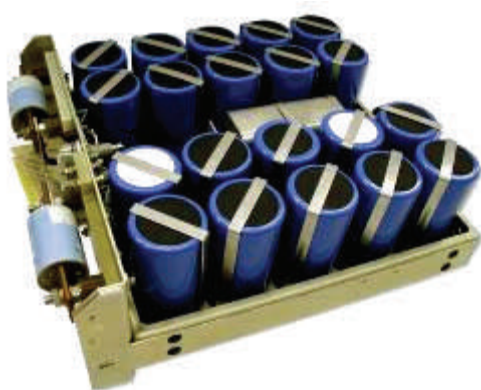
Ground Theater Air Control System (GTACS)



Inverter Power Module Assembly



Focus Coil Power Supply



Capacitor Filter Bank Assembly



Inverter Control and Regulator Assy

[Click here to submit an RFQ or to request more information.](#)

For OEM P/N or USD P/N

contact sales@usdynamicscorp.com

OEM P/N	USD P/N	FSC	NIIN	DESCRIPTION	REPAIR	NEW BUILD
13850	579436	5950	01-006-5065	TRANSFORMER, POWER		✓
460015	508275	5895	01-423-4959	RF RECEIVER ASSEMBLY	✓	✓
128C529H01		5895	00-567-9457	SEMICONDUCTOR DEVICE, COAXIAL CRYSTAL DETECTOR	✓	
128C912	579436	5950	01-006-5065	MOTOR DRIVEN VARIABLE POWER TRANSFORMER	✓	✓
128C912H01	579436	5950	01-006-5065	MOTOR DRIVEN VARIABLE POWER TRANSFORMER	✓	✓
138C009H01	584800	6130	00-433-0385	POWER SUPPLY (SOLID STATE)	✓	✓
138C185H03	584788	5950	01-211-1794	PULSE TRANSFORMER		✓
138C342A01	559001-1	5996	01-182-1125	RF AMPLIFIER MODULE ("S" BAND AMPLIFIER)(GOLD PLATED)	✓	✓
138C470G01		6130	01-026-2001	POWER SUPPLY	✓	✓
138C475G02	584025-2	*	*	19V POWER SUPPLY, AC/DC	✓	✓
145C156H01	570029	5950	01-055-0600	PULSE TRANSFORMER		✓
145C157H01	503429	5950	01-042-0579	CURRENT TRANSFORMER		✓
145C220H01	584574	5950	01-042-7653	TRIGGER PULSE TRANSFORMER		✓
146C795A01	571155	5950	01-128-2721	PULSE TRANSFORMER	✓	✓
146C923A01	584445	5950	01-182-1205	RF PULSE COIL	✓	✓
146C934G01	579400	*	*	RECTIFIER ASSEMBLY	✓	✓
146C989H01	584576	5950	01-209-6412	CURRENT PULSE TRANSFORMER		✓
147C224H01	584117	*	*	BRACKET "B" - RBDT ASSEMBLY		✓
147C749G01	584475	5998	01-182-1122	COMPONENT ASSEMBLY - INVERTOR POWER MODULE ASSEMBLY	✓	✓
148C552H01	584116	*	*	BRACKET "A" - RBDT ASSEMBLY		✓
148C567G01	584713	*	*	HIGH VOLTAGE BOARD ASSEMBLY	✓	✓
150C374H01	582010	*	*	BRACKET (OUTPUT DIODE MODULE ASSEMBLY)		✓
151C880H01	584461	*	*	HEAT SINK		✓
151C883G01	584460	*	*	HEAT SINK ASSEMBLY		✓
171-27612		5963	01-378-9622	VOLTAGE CONTROLLED OSCILLATOR - 100 MHZ	✓	
1D14073G02	584697	*	*	REGULATOR CONTROL BOARD ASSEMBLY	✓	✓
1D14075G01	584704	5840	01-182-6434	INVERTER CONTROL NO. 2 BOARD ASSEMBLY	✓	✓
1D14075G02	584704	5840	01-182-6434	INVERTER CONTROL NO. 2 BOARD ASSEMBLY	✓	✓
1D14430G01	584691	*	*	EMITTER RESISTOR BOARD ASSEMBLY	✓	✓
1D17142G01	584425	6130	01-221-6862	INVERTER POWER MODULE ASSEMBLY	✓	✓
1D17431G01		6130	01-182-3032	28V D.C. POWER SUPPLY	✓	
1D17431G02		6130	01-318-3166	28V D.C. POWER SUPPLY	✓	
1D17627G01	566100	5840	01-182-6432	RF GENERATOR	✓	✓
1D17645G01	566750	5915	01-276-6417	FILTER BOARD ASSEMBLY (A7)	✓	✓
1D17710G01	582007	5998	01-338-9789	OUTPUT DIODE MODULE ASSEMBLY	✓	✓
1D17712G01	584200	5895	01-182-6461	RF AMPLIFIER DRIVER ASSEMBLY	✓	✓
1D17714G01	14427001	5840	01-182-6457	HIGH VOLTAGE (RADAR) MODULE		✓
1D17746G01	566760	5998	01-182-3119	COHERENT (COHO) OSCILLATOR	✓	✓
1D17747G01	566790	5998	01-182-2909	GAUSSIAN AMPLIFIER ASSEMBLY (A5)	✓	✓
1D17776G01	584525	5840	01-182-1198	TRIGGER AMPLIFIER ASSEMBLY	✓	✓
1D17798G02	584650	6130	01-345-1138	INVERTER CONTROL & REGULATOR ASSEMBLY	✓	✓
1D17934G02	584725	6130	01-236-2348	FOCUS COIL POWER SUPPLY	✓	✓

OEM P/N	USD P/N	FSC	NIIN	DESCRIPTION	REPAIR	NEW BUILD
1D17935G01		6130	01-182-6456	VACUUM PUMP POWER SUPPLY	✓	
1D18008G01	584701	5998	01-182-2908	SCR DRIVER BOARD ASSEMBLY	✓	✓
1D18024G01	584694	5998	01-182-2907	INVERTER LOAD MONITOR BOARD ASSEMBLY	✓	✓
1D18253G01		5840	01-158-3521	RADAR SET SUBASSEMBLY	✓	✓
1D18278G01	584840	5840	01-157-4013	ASP PROGRAM BOARD		✓
1D18291	584815	5998	01-371-7820	CIRCUIT CARD ASSEMBLY		✓
1D18291G02	566877	5999	01-236-5435	CIRCUIT CARD ASSEMBLY		✓
1D18291G03	584815	5998	01-371-7820	CIRCUIT CARD ASSEMBLY		✓
1D18298G01	508250	5895	01-182-1103	LOW NOISE AMPLIFIER ASSEMBLY (645A589)	✓	✓
1D18517G01	584775	5998	01-316-0046	FILAMENT INTERRUPT AND RELAY CIRCUIT BOARD ASSY	✓	✓
1D18517G02	584775	5998	01-316-0046	FILAMENT INTERRUPT AND RELAY CIRCUIT BOARD ASSY	✓	✓
1D18563G01	584720	5998	01-182-3116	REGULATOR BOARD ASSEMBLY (A10)	✓	✓
1D18646G01	584707	5840	01-209-6411	INVERTER CONTROL NO. 1 BOARD ASSEMBLY	✓	✓
1D18646G02	584707	5840	01-209-6411	INVERTER CONTROL NO. 1 BOARD ASSEMBLY	✓	✓
1D18649G01	584562	5998	01-365-7573	ROTARY SWITCH ASSEMBLY	✓	✓
1D18652G01	583100	5998	01-187-5385	FAULT MEMORY CCA	✓	✓
1D18678G01	584556	*	*	COMPONENT BOARD NO. 4 BOARD ASSEMBLY	✓	✓
1D20032G01	584830	5840	01-213-7261	COOLER ASSEMBLY		✓
1D20464G01	584425	6130	01-221-6862	INVERTER POWER MODULE ASSEMBLY	✓	✓
1D21535G01	508175	5996	01-218-4246	LOW NOISE AMPLIFIER ASSEMBLY	✓	✓
1D21535G02	508175	5996	01-218-4246	LOW NOISE AMPLIFIER ASSEMBLY	✓	✓
1D22877G01	518050	5985	01-311-7577	STATIONARY CYLINDER PEDESTAL	✓	✓
1D23436G01		6130	01-237-3294	280 VOLT POWER SUPPLY ASSEMBLY	✓	
1D24938G01	583135	5998	01-262-4413	VIDEO AMPLIFIER BOARD ASSEMBLY	✓	✓
1D27054G01		5998	01-302-1308	A/D CONVERTER CCA	✓	
1D27626G01		5998	01-159-0080	TRANSMITTER CONTROL CCA	✓	
1D27738G01		5998	01-326-8779	DEFLECTION AND POWER CONTROL ASSEMBLY	✓	✓
1D27785G01	584559	*	*	PRIMARY COMPONENT BOARD ASSEMBLY	✓	✓
1D28004G01		*	*	LOW NOISE AMPLIFIER ASSEMBLY	✓	
2087-4003-00		5895	00-567-9457	SEMICONDUCTOR DEVICE, COAXIAL CRYSTAL DETECTOR	✓	
227-8020	584800	6130	00-433-0385	POWER SUPPLY (SOLID STATE)	✓	✓
343D865G01	566730	5895	00-588-4951	X4 MULTIPLIER	✓	✓
344D996G01	556000	5895	01-003-0723	ELECTRONIC SWITCHING UNIT	✓	✓
3460-9010	579436	5950	01-006-5065	MOTOR DRIVEN VARIABLE POWER TRANSFORMER	✓	✓
347D343G01		5998	00-474-7699	TRIGGER AMPLIFIER CCA	✓	✓
353D602G01	579112	6110	01-159-3348	JUNCTION BOX ASSEMBLY	✓	✓
354D265		5840	01-059-2379	SENSOR INDICATOR	✓	
354D265G01		5840	01-059-2379	SENSOR INDICATOR	✓	
355D038G01	584710	6130	01-143-8977	LOW NOISE PREAMP POWER SUPPLY BOARD ASSY	✓	✓
356D683G01		5998	01-159-0080	TRANSMITTER CONTROL CCA	✓	
359D557G01	503415	*	*	PULSE FORMING NETWORK (PFN) COIL	✓	✓
359D558G01	584106	5840	01-159-0042	PULSE FORMING NETWORK (COIL) ASSEMBLY		✓

OEM P/N	USD P/N	FSC	NIIN	DESCRIPTION	REPAIR	NEW BUILD
359D735G01	582008	*	*	TOP CHANNEL (OUTPUT DIODE MODULE ASSEMBLY)	✓	✓
361D230G01	584370	*	*	PRINTED CIRCUIT ASSEMBLY	✓	✓
364D056G01	584550	5840	01-204-6615	TRIGGER GATE BOARD ASSEMBLY	✓	✓
364D056G02	584550	5840	01-204-6615	TRIGGER GATE BOARD ASSEMBLY	✓	✓
364D056G04	584550	5840	01-204-6615	TRIGGER GATE BOARD ASSEMBLY	✓	✓
364D332G01	584717	5840	01-180-9221	+5 V, +15 V BOARD ASSEMBLY (A7)	✓	✓
364D421G01	584553	*	*	VOLTAGE EQUALIZATION BOARD	✓	✓
364D536H01	566585	5996	01-212-6280	"S" BAND MICROWAVE AMPLIFIER ASSEMBLY - MODULE AR1	✓	✓
364D540G01	566425	5895	01-180-9218	X48 FREQUENCY MULTIPLIER	✓	✓
364D542G01	566700	5915	01-275-1714	371 MHZ FILTER (A2)	✓	✓
364D543G01	566710	5996	01-277-8977	371 MHZ AMPLIFIER (A3)	✓	✓
364D545G01	566520	5963	01-327-6851	742 MHZ AMPLIFIER (A5)	✓	✓
364D622G01	566806	5998	01-223-0085	PLANAR ARRAY EXTENDER BOARD	✓	✓
365D010G01	584584	*	*	RBDT STACK ASSEMBLY	✓	✓
365D019G01	584100	5840	01-158-0146	PULSE FORMING NETWORK (PFN) MODULE ASSEMBLY	✓	✓
365D020G01	584115	5840	01-159-0043	REVERSE BLOCKING DIODE THYRISTOR (RBDT) & DIODE ASSY	✓	✓
365D020G02	584115	5840	01-159-0043	REVERSE BLOCKING DIODE THYRISTOR (RBDT) & DIODE ASSY	✓	✓
365D140G01	584350	5840	01-180-9217	CAPACITOR FILTER BANK ASSEMBLY	✓	✓
3990-3	584788	5950	01-211-1794	PULSE TRANSFORMER		✓
3D55778G01	584525	5895	01-316-1204	TRIGGER AMPLIFIER ASSEMBLY	✓	✓
3D59354G01	582018	5998	01-386-6833	DIODE ASSEMBLY	✓	✓
3D59840G03		5840	01-383-6741	FREQUENCY GENERATOR	✓	
572F506G01	566321	5840	01-209-3568	SWITCHED STALO REFERENCE ASSEMBLY	✓	✓
589R131H01	503410-1	5961	01-060-6663	REVERSE BLOCKING DIODE THYRISTOR		✓
589R131H01	503410-1	5961	01-479-3227	REVERSE BLOCKING DIODE THYRISTOR		✓
635A716H01	503410-1	5961	01-060-6663	REVERSE BLOCKING DIODE THYRISTOR (RBDT)		✓
635A716H01	503410-1	5961	01-479-3227	REVERSE BLOCKING DIODE THYRISTOR (RBDT)		✓
635A716H02	503410-2	5961	01-060-6662	REVERSE BLOCKING DIODE THYRISTOR (RBDT)		✓
635A827H01	584154	5961	01-184-3237	DIODE		✓
645A509H01	566188	5840	01-182-1106	RF DOUBLE BALANCED MIXER	✓	✓
645A570A01	508225	5895	01-182-1104	RF RECEIVER ASSEMBLY	✓	✓
645A570A02	508275	5895	01-423-4959	RF RECEIVER ASSEMBLY	✓	✓
645A575G01		6130	01-182-1236	MULTIVOLTAGE POWER SUPPLY	✓	
645A575G02		6130	01-337-3380	MULTIVOLTAGE POWER SUPPLY	✓	
645A589	508250	5895	01-182-1103	LOW NOISE AMPLIFIER ASSEMBLY	✓	✓
645A589	508175	5996	01-218-4246	LOW NOISE AMPLIFIER ASSEMBLY	✓	✓
645A589A01	508250	5895	01-182-1103	LOW NOISE AMPLIFIER ASSEMBLY	✓	✓
645A589A02		*	*	LOW NOISE AMPLIFIER ASSEMBLY	✓	
645A589A03	508175	5996	01-218-4246	LOW NOISE AMPLIFIER ASSEMBLY	✓	✓
645A589A04		*	*	LOW NOISE AMPLIFIER ASSEMBLY	✓	
645A589A05		*	*	LOW NOISE AMPLIFIER ASSEMBLY	✓	
645A589A06	508175	5996	01-218-4246	LOW NOISE AMPLIFIER ASSEMBLY	✓	✓
645A589A07	508250	5895	01-182-1103	LOW NOISE AMPLIFIER ASSEMBLY	✓	✓

OEM P/N	USD P/N	FSC	NIIN	DESCRIPTION	REPAIR	NEW BUILD
70080-7522		5895	00-567-9457	SEMICONDUCTOR DEVICE, COAXIAL CRYSTAL DETECTOR	✓	
7A4125	566188	5840	01-182-1106	RF DOUBLE BALANCED MIXER	✓	✓
APG-4003M401	566585	5996	01-212-6280	"S" BAND MICROWAVE AMPLIFIER ASSEMBLY - MODULE AR1	✓	✓
FD-14.5-0.200	584800	6130	00-433-0385	POWER SUPPLY (SOLID STATE)	✓	✓
FD14-5-0-200U	584800	6130	00-433-0385	POWER SUPPLY (SOLID STATE)	✓	✓
PE 5266	584788	5950	01-211-1794	PULSE TRANSFORMER		✓
PL103953	570029	5950	01-055-0600	PULSE TRANSFORMER		✓
SA-1868/UPX	556000	5895	01-003-0723	ELECTRONIC SWITCHING UNIT	✓	✓
TW-70542	584574	5950	01-042-7653	TRIGGER PULSE TRANSFORMER		✓
TW-70931	584576	5950	01-209-6412	CURRENT PULSE TRANSFORMER		✓
TW-72226	570029	5950	01-055-0600	PULSE TRANSFORMER		✓