

## TURBINE WI DEMO (disassembly)

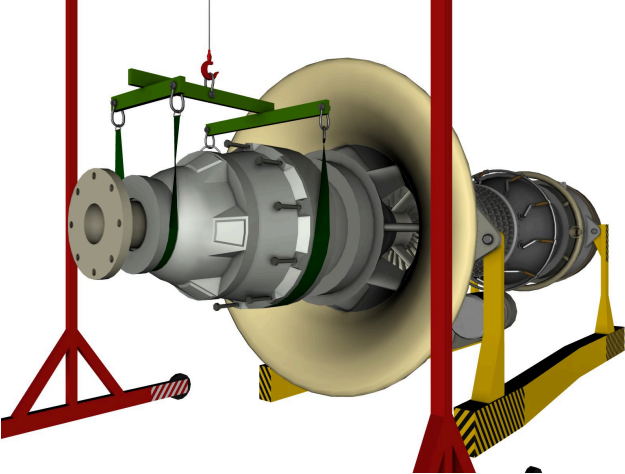
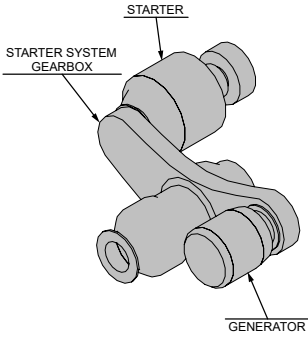
<b>Job code</b>	C3D-WI-TURBINE-DEMO-02
<b>Summary</b>	Turbine Disassembly Work Instructions
<b>Work type</b>	Disassembly
<b>Role</b>	General Operative
<b>Expected time</b>	4 hours 18 minutes
<b>Work cell</b>	Hangars Nr. 17 - Nr. 29
<b>Previous job</b>	C3D-WI-TURBINE-DEMO-01
<b>Next job</b>	C3D-WI-TURBINE-DEMO-03
<b>Work order</b>	SRT-987 Rev. 4
<b>Revision</b>	A01

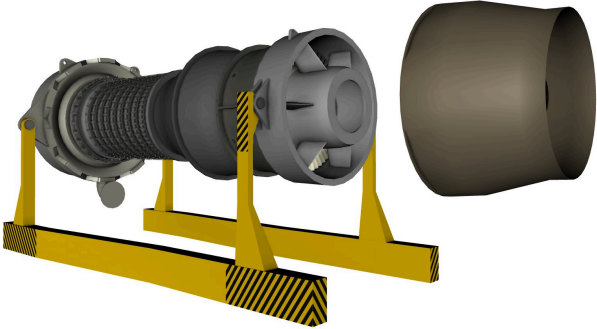
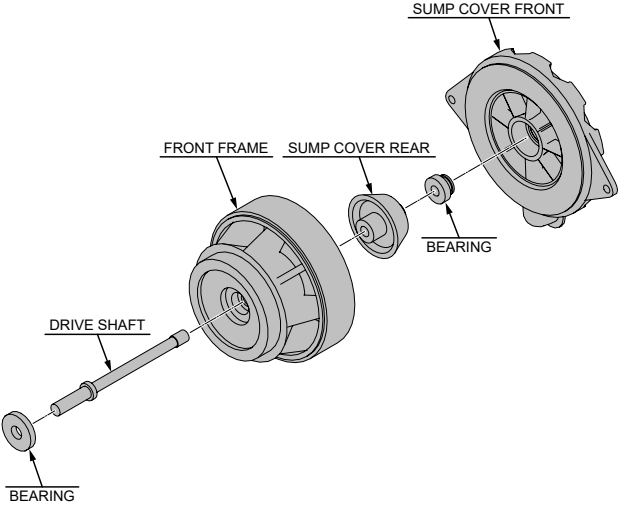
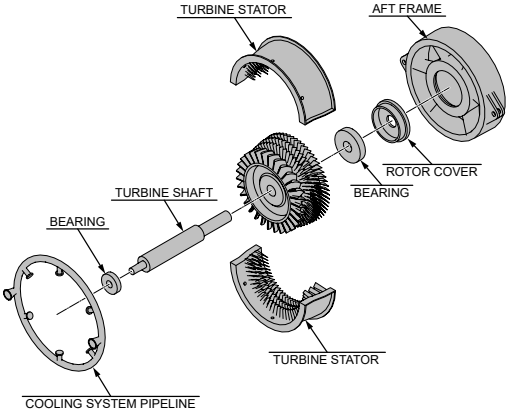
**PREREQUISITES****PARTS LIST**

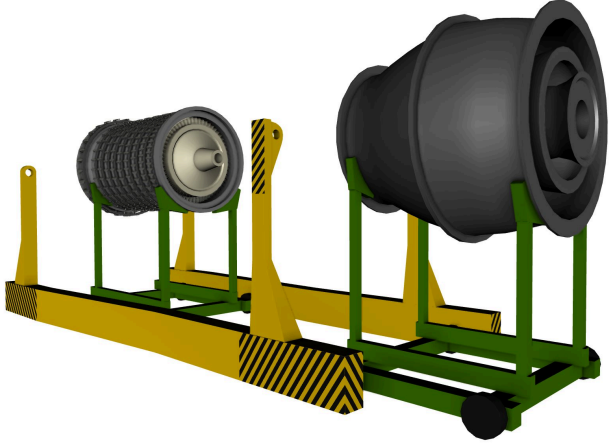
<b>Part number/ Alternative part number</b>	<b>Description</b>	<b>Quantity</b>
M-001	Reductor Module	1
KOR-001	Bolt	1
M-002	Forward SUMP	1
M-003-001	Compressor lower case	1
M-003-000-001	1 Stage compressor blades	1
RING_1	Compressor ring 1	1
	Compressor upper case	1
M-003-003	Copressor rotor	1
T_5	T 5 Rotor crane adaptor	1
M-004	Combustion Chamber	1
M-004-005	Fuel Nozzles	1
M-004-004	Fuel Pipeline	
M-005	Low pressure turbine assembly	1
T-001	Coolong System Pipeline	1
M-005-001	Low pressure turbine	1
M-005-005	LPT rotor	1
T_4	T-4	1
M-002-005	LPT Cover	1
M-005-002-002	LPT lower case	1
M-005-000-003	3 Stage LPT blades	1
LPT_case	LPT Upper Case	1
M-005-003	AFT frame	1
M-006	Outlet Nozzle Module	1
STARTER	Starter	1
RC-002	Reductor Cover (lower)	1
RC-001	Reductor Cover (upper)	1
IN-001	Inlet Nozzle Front	1
IN-002	Inlet Nozzle Rear	1

Part number/ Alternative part number	Description	Quantity
COMPRESSOR_WAY	Compressor module Way	1
WAY	LPT way	1
CC_WAY	Combustion chamber way	1
TURB_WAY	Turbine way	1
SHP_3	Turbine Way Bolt	1
T_1	T-1	1
CRANE_1	Crane 1	1
T_2	T-2	1
T_3	T-3 chain	1

## JOB

Nº	Task	Illustration
1	<p>Remove the <a href="#">Upper Reductor Cover</a>.</p> <p>Remove the <a href="#">Lower Reductor Cover</a>.</p> <p>Set-up <a href="#">T-1</a> and the <a href="#">Crane</a>.</p> <p>Remove 10 <a href="#">bolts</a>.</p> <p>Detach the <a href="#">Reductor Module</a>, using the <a href="#">Crane</a> and <a href="#">T-1</a>.</p> <p>Push away the <a href="#">Reductor Module</a>.</p>	
2	<p>Remove the <a href="#">STARTER</a>.</p> <p>Remove the <a href="#">Fuel Pipeline</a> together with preinstalled <a href="#">Fuel Nozzles</a>.</p> <p>Remove the <a href="#">Cooling System Pipeline</a>.</p>	

№	Task	Illustration
3	<p>Remove the <a href="#">Inlet Nozzle Front</a>.</p> <p>Remove the <a href="#">Inlet Nozzle Rear</a>.</p> <p>Remove the <a href="#">Outlet Nozzle Module</a>.</p>	
4	<p>Bring in the <a href="#">Compressor Way</a>. Bring in the <a href="#">Combustion Chamber Way</a>. Set-up <a href="#">T-2</a> and the <a href="#">Crane</a>.</p> <p>Unscrew <a href="#">Turbine WayBolts</a>. Detach the <a href="#">Forward SUMP</a> from the turbine assembly.</p> <p>Push away the <a href="#">Forward SUMP</a> Assembly, using the <a href="#">Crane</a> and <a href="#">T-2</a>.</p>	
5	<p>Set-up <a href="#">T-3</a> and the <a href="#">Crane</a>. Bring in the <a href="#">LPT Way</a>.</p> <p>Remove the <a href="#">AFT Frame</a> by unscrewing the <a href="#">Turbine Way Bolts</a>.</p> <p>Push away the <a href="#">AFT Frame</a>, using the <a href="#">Crane</a> and the <a href="#">Chain T-3</a>.</p> <p>Move the <a href="#">LPT Way</a> and detach the <a href="#">Low pressure turbine</a> from the assembly.</p> <p>Remove the <a href="#">LPT Upper Case</a>. Set-up the <a href="#">Crane</a> and <a href="#">T-4</a>.</p> <p>Remove the <a href="#">LPT Rotor</a> from the <a href="#">LPT Lower Case</a> with <a href="#">LPT Blades</a>.</p>	

№	Task	Illustration
	<p>Push away the <a href="#">Low Pressure Turbine rotor</a> using the <a href="#">Crane</a> and <a href="#">T-4</a>.</p> <p>Push away the <a href="#">LPT Lower Case</a> with <a href="#">LPT Blades</a> using the <a href="#">LPT Way</a>.</p> <p>Remove the <a href="#">Turbine Way</a>.</p>	
6	<p>Detach the <a href="#">Combustion Chamber</a>, using <a href="#">Combustion Chamber Way</a>.</p>	
7	<p>Remove the <a href="#">Compressor Rings</a>.</p> <p>Remove the <a href="#">Compressor Upper Case</a>.</p> <p>Set-up the <a href="#">Crane</a> and <a href="#">T-5</a>.</p> <p>Remove <a href="#">Compressor Rotor</a>.</p> <p>Push away the <a href="#">Compressor Lower Case</a> with <a href="#">Compressor blades</a> on the <a href="#">Compressor module Way</a>.</p>	