WHAT IS CLAIMED IS:

~~1. A system for performing an operation on a component of an engine, the component including a first side positioned within an interior of the engine, the system comprising:~~

~~a first robotic arm defining a first distal end and including a first utility member positioned at the first distal end, the first robotic arm moveable to the interior of the engine to a location operably adjacent to the first side of the component; and~~

~~a second robotic arm defining a second distal end and including a second utility member positioned at the second distal end, the second robotic arm also moveable to the interior of the engine to facilitate the first and second utility members performing the operation on the component of the engine.~~

~~1. The system of claim 1, wherein the operation is a drilling operation.~~

~~2. The system of claim 2, wherein the first utility member includes a mechanical drill, wherein the second utility member includes at least one of a container or a suction member, wherein the first utility member is configured to contact the first side of the component, and wherein the second utility member is configured to be positioned on a second, opposite side of the component.~~

~~3. The system of claim 2, wherein the first utility member includes a laser drill configured for orientation towards the first side of the component, and wherein the second utility member includes a laser beam receiver.~~

~~4. The system of claim 2, wherein the first utility member includes an electric discharge machine tool configured for orientation towards the first side of the component, and wherein the second utility member includes an electrical connector configured for electrical connection to the component.~~

~~5. The system of claim 5, further comprising:~~

~~a third robotic arm defining a third distal end and including a third utility member positioned at the third distal end, the third utility member including a dielectric fluid nozzle for providing a dielectric fluid to a location between the first utility member and the component.~~

6. The system of claim 1, wherein the operation is a welding operation, wherein the first utility member includes an electrode, and wherein the second utility member includes an electrical connector configured for electrical connection to the component.

7. The system of claim 7, wherein second utility member is configured to contact the component.

8. The system of claim 1, wherein the engine is a gas turbine engine, and wherein the component is at least one of an airfoil, a liner, or a shroud.

9. The system of claim 1, wherein the first robotic arm is operably connected to a first base, wherein the first base includes one or more motors for controlling the first robotic arm, wherein the first base is configured for positioning outside of the interior of the engine, wherein the second robotic arm is operably connected to a second base, wherein the second base includes one or more motors for controlling the second robotic arm, and wherein the second base is configured for positioning outside of the interior of the engine.

10. The system of claim 10, further comprising:

a controller operably connected to the first base and the second base for controlling the first robotic arm and the second robotic arm.

11. A turbine engine assembly comprising:

a turbine engine defining an interior and a plurality of openings to the interior, the turbine engine comprising a component having a first side positioned within the interior of the turbine engine; and

a system comprising

a first robotic arm defining a first distal end and including a first utility member positioned at the first distal end, the first robotic arm positioned through at least one of the plurality of openings of the turbine engine such that the utility member is positioned operably adjacent to the first side of the component; and

a second robotic arm defining a second distal end and including a second utility member positioned at the second distal end, the second robotic arm positioned through at least one of the plurality of openings of the turbine engine to facilitate the first and

second utility members performing the operation on the component of the turbine engine.

12. The turbine engine assembly of claim 12, wherein the operation is a drilling operation, wherein the first utility member includes a drill, and wherein the second utility member is positioned on a second, opposite side of the component during operation.

13. The turbine engine assembly of claim 12, wherein the operation is a drilling operation, wherein the first utility member includes an electric discharge machine tool orientated towards the first side of the component, and wherein the second utility member includes an electrical connector electrically connected to the component, and wherein the system further includes a third robotic arm defining a third distal end and including a third utility member positioned at the third distal end, the third utility member including a dielectric fluid nozzle providing a dielectric fluid to a location between the first utility member and the component during operation.

14. The turbine engine assembly of claim 12, wherein the operation is a welding operation, wherein the first utility member includes an electrode, and wherein the second utility member includes an electrical connector electrically connected to the component during operation.

15. The turbine engine assembly of claim 12, wherein the component is at least one of an airfoil, a liner, or a shroud.

16. A method for performing an operation on a component of an engine, the component including a first side positioned within an interior of the engine, the method comprising:

positioning a first robotic arm including a first utility member at a first distal end within the interior of the engine at a location operably adjacent to the first side of the component;

positioning a second robotic arm including a second utility member at a second distal end within the interior of the engine; and

performing the operation on the component of the engine utilizing the first utility member of the first robotic arm and the second utility member of the second robotic arm within the interior of the engine.

~~17. The method of claim 17, wherein performing the operation on the component of the engine comprises performing a drilling operation on the component of the engine.~~

~~18. The method of claim 17, wherein performing the operation on the component of the engine comprises performing a welding operation on the component of the engine.~~

~~20. The method of claim 17, wherein positioning the first robotic arm within the interior of the engine comprises extending the first robotic arm through a first opening of the engine, and wherein positioning the second robotic arm within the interior of the engine comprises extending the second robotic arm through a second opening of the engine.~~

1. A system for performing an operation on a component of an engine, the component including a first side positioned within an interior of the engine and a second side positioned within the interior of the engine, the system comprising:

a first robotic arm defining a first distal end and including a first utility member positioned at the first distal end; and

a second robotic arm defining a second distal end and including a second utility member positioned at the second distal end,

wherein the first utility member is moveable to the interior of the engine to a first location operably adjacent to the first side of the component,

wherein the second utility member is moveable to the interior of the engine to a second location operably adjacent to the second side of the component,

wherein the first and second utility members cooperate with each other to perform the operation on the component of the engine, with the first utility member operating from the first location and the second utility member operating from the second location,

wherein the operation is a drilling operation,

wherein the first utility member includes a mechanical drill,

wherein the second utility member includes at least one of a container or a suction member configured to hold or suction debris from the drilling operation,

wherein the first utility member is configured to contact the first side of the component, and

wherein the second-side of the component is opposite the first side of the component.

2. The system of claim 1, wherein the second side of the component is opposite the first side of the component.

3. The system of claim 1, wherein the first utility member directly faces the first side of the component, and the second utility member directly faces the second side of the component.

4. The system of claim 1,

wherein the first robotic arm is operably connected to a first base,

wherein the first base includes one or more motors for controlling the first robotic arm,

wherein the first base is configured for positioning outside of the interior of the engine,

wherein the second robotic arm is operably connected to a second base,

wherein the second base includes one or more motors for controlling the second robotic arm, and

wherein the second base is configured for positioning outside of the interior of the engine.

5. A system for performing an operation on a component of an engine, the component including a first side positioned within an interior of the engine and a second side positioned within the interior of the engine, the system comprising:

a first robotic arm defining a first distal end and including a first utility member positioned at the first distal end; and

a second robotic arm defining a second distal end and including a second utility member positioned at the second distal end,

wherein the first utility member is moveable to the interior of the engine to a first location operably adjacent to the first side of the component,

wherein the second utility member is moveable to the interior of the engine to a second location operably adjacent to the second side of the component,

wherein the first and second utility members cooperate with each other to perform the operation on the component of the engine, with the first utility member operating from the first location and the second utility member operating from the second location,

wherein the operation is a drilling operation,

wherein the first utility member includes a laser drill configured for orientation towards the first side of the component, and

wherein the second utility member includes a laser beam receiver.

6. The system of claim 5,

wherein the first robotic arm is operably connected to a first base,

wherein the first base includes one or more motors for controlling the first robotic arm,

wherein the first base is configured for positioning outside of the interior of the engine,

wherein the second robotic arm is operably connected to a second base,

wherein the second base includes one or more motors for controlling the second robotic arm, and

wherein the second base is configured for positioning outside of the interior of the engine.

7. A system for performing an operation on a component of an engine, the component including a first side positioned within an interior of the engine and a second side positioned within the interior of the engine, the system comprising:

a first robotic arm defining a first distal end and including a first utility member positioned at the first distal end; and

a second robotic arm defining a second distal end and including a second utility member positioned at the second distal end,

wherein the first utility member is moveable to the interior of the engine to a first location operably adjacent to the first side of the component,

wherein the second utility member is moveable to the interior of the engine to a second location operably adjacent to the second side of the component,

wherein the first and second utility members cooperate with each other to perform the operation on the component of the engine, with the first utility member operating from the first location and the second utility member operating from the second location,

wherein the first utility member includes an electric discharge machine tool configured for orientation towards the first side of the component, and

wherein the second utility member includes an electrical connector configured for electrical connection to the component.

8. The system of claim 7, further comprising:

a third robotic arm defining a third distal end and including a third utility member positioned at the third distal end, the third utility member including a dielectric fluid nozzle for providing a dielectric fluid to a location between the first utility member and the component.

9. The system of claim 7,

wherein the first robotic arm is operably connected to a first base,

wherein the first base includes one or more motors for controlling the first robotic arm,

wherein the first base is configured for positioning outside of the interior of the engine,

wherein the second robotic arm is operably connected to a second base,

wherein the second base includes one or more motors for controlling the second robotic arm, and

wherein the second base is configured for positioning outside of the interior of the engine.

10. A system for performing an operation on a component of an engine, the component including a first side positioned within an interior of the engine and a second side positioned within the interior of the engine, the system comprising:

a first robotic arm defining a first distal end and including a first utility member positioned at the first distal end; and

a second robotic arm defining a second distal end and including a second utility member positioned at the second distal end,

wherein the first utility member is moveable to the interior of the engine to a first location operably adjacent to the first side of the component,

wherein the second utility member is moveable to the interior of the engine to a second location operably adjacent to the second side of the component,

wherein the first and second utility members cooperate with each other to perform the operation on the component of the engine, with the first utility member operating from the first location and the second utility member operating from the second location,

wherein the operation is a welding operation, wherein the first utility member includes an electrode, and

wherein the second utility member includes an electrical connector configured for electrical connection to the component.

11. The system of claim 10, wherein the second utility member is configured to contact the component.

12. The system of claim 10,

wherein the first robotic arm is operably connected to a first base,

wherein the first base includes one or more motors for controlling the first robotic arm,

wherein the first base is configured for positioning outside of the interior of the engine,

wherein the second robotic arm is operably connected to a second base,

wherein the second base includes one or more motors for controlling the second robotic arm, and

wherein the second base is configured for positioning outside of the interior of the engine.

13. A system for performing an operation on a component of an engine, the component including a first side positioned within an interior of the engine and a second side positioned within the interior of the engine, the system comprising:

a first robotic arm defining a first distal end and including a first utility member positioned at the first distal end; and

a second robotic arm defining a second distal end and including a second utility member positioned at the second distal end,

wherein the first utility member is moveable to the interior of the engine to a first location operably adjacent to the first side of the component,

wherein the second utility member is moveable to the interior of the engine to a second location operably adjacent to the second side of the component,

wherein the first and second utility members cooperate with each other to perform the operation on the component of the engine, with the first utility member operating from the first location and the second utility member operating from the second location,

wherein the engine is a gas turbine engine, and

wherein the component is at least one of an airfoil, a liner, or a shroud.

14. The system of claim 13,

wherein the first robotic arm is operably connected to a first base,

wherein the first base includes one or more motors for controlling the first robotic arm,

wherein the first base is configured for positioning outside of the interior of the engine,

wherein the second robotic arm is operably connected to a second base,

wherein the second base includes one or more motors for controlling the second robotic arm, and

wherein the second base is configured for positioning outside of the interior of the engine.

15. The system of claim 14, further comprising:

a controller operably connected to the first base and the second base for controlling the first robotic arm and the second robotic arm.

16. The turbine engine assembly of claim 13, wherein the second side of the component is opposite the first side of the component.

17. A turbine engine assembly comprising:

a turbine engine defining an interior and a plurality of openings to the interior, the turbine engine comprising a component having a first side positioned within the interior of the turbine engine and a second side positioned within the interior of the engine; and

a system for performing an operation on the component, comprising:

a first robotic arm defining a first distal end and including a first utility member positioned at the first distal end; and

a second robotic arm defining a second distal end and including a second utility member positioned at the second distal end,

wherein the first robotic arm is positioned through one of the plurality of openings of the turbine engine such that the first utility member is positioned at a first location operably adjacent to the first side of the component,

wherein the second robotic arm is positioned through another of the plurality of openings of the turbine engine such that the second utility member is positioned at a second location operably adjacent to the second side of the component,

wherein the first and second utility members cooperate with each other to perform the operation on the component of the turbine engine, with the first utility member operating from the first location and the second utility member operating from the second location.

18. The turbine engine assembly of claim 17,

wherein the operation is a drilling operation,

wherein the first utility member includes a drill, and

wherein the second side of the component is opposite the first side of the component.

19. The turbine engine assembly of claim 17,

wherein the operation is a drilling operation,

wherein the first utility member includes an electric discharge machine tool orientated towards the first side of the component,

wherein the second utility member includes an electrical connector electrically connected to the component, and

wherein the system further includes a third robotic arm defining a third distal end and including a third utility member positioned at the third distal end, the third utility member including a dielectric fluid nozzle providing a dielectric fluid to a location between the first utility member and the component during the operation.

20. The turbine engine assembly of claim 17,

wherein the operation is a welding operation,

wherein the first utility member includes an electrode, and

wherein the second utility member includes an electrical connector electrically connected to the component during the operation.

21. The turbine engine assembly of claim 17, wherein the component is at least one of an airfoil, a liner, or a shroud.

22. The turbine engine assembly of claim 17, wherein the second side of the component is opposite the first side of the component.

23. The turbine engine assembly of claim 17, wherein the first utility member directly faces the first side of the component, and the second utility member directly faces the second side of the component.

24. A method for performing an operation on a component of an engine, the component including a first side positioned within an interior of the engine and a second side positioned within the interior of the engine, the method comprising:

positioning a first robotic arm including a first utility member at a first distal end within the interior of the engine such that the first utility member is positioned at a first location operably adjacent to the first side of the component, wherein positioning the first robotic arm within the interior of the engine comprises extending the first robotic arm through a first opening of the engine;

positioning a second robotic arm including a second utility member at a second distal end within the interior of the engine such that the second utility member is positioned at a second location operably adjacent to the second side of the component, wherein positioning the second robotic arm within the interior of the engine comprises extending the second robotic arm through a second opening of the engine; and

performing the operation on the component of the engine utilizing the first utility member of the first robotic arm and the second utility member of the second robotic arm cooperating with each other within the interior of the engine, with the first utility member operating from the first location and the second utility member operating from the second location.

25. The method of claim 24, wherein performing the operation on the component of the engine comprises performing a drilling operation on the component of the engine.

26. The method of claim 24, wherein performing the operation on the component of the engine comprises performing a welding operation on the component of the engine.

27. The method of claim 24, wherein the second side of the component is opposite the first side of the component.

28. The method of claim 24, wherein the first utility member directly faces the first side of the component, and the second utility member directly faces the second side of the component.