The names of the image files match the names of the solidworks files.

**Part Name:** Complex Surface Part- Reverse Engineered Propeller.sldprt

**Complexity:** Complex

**Features:**  3D Sketch, Boundary Surface, Surface fill

**Comments:** This part is a reverse engineer of a 3D scanned propeller

This part features advanced surface techniques used to reverse engineer a wooden propeller from 3D scan data. This part is different from many SolidWorks models as design intent is not modeled into the part; it simply needs to be an accurate recreation of the 3D scan.

**Part Name:** Propeller Scan Comparison.sldasm

**Complexity:** -

**Features:**  -

**Comments:** Comparison assembly between SW model and 3D scan data.

A comparison assembly allowing easy referencing of the 3D scan to the SolidWorks recreation.

**Part Name:** 3D Scan Propeller STL.sldprt

**Complexity:** -

**Features:**  -

**Comments:** STL Graphics body of 3D Scanned Propeller

A part file with a STL graphics body of the 3D scanned propeller blade. Used as reference to reverse engineer the propeller in SolidWorks.