

JSC/EC5 U.S. Spacesuit Knowledge Capture (KC) Series Synopsis

All KC events will be approved for public using NASA Form 1676.

This synopsis provides information about the Knowledge Capture event below.

Topic: Apollo, Paintbrushes, and Packaging: An Interview with 40-year Spacesuit Veteran Ron Woods

Date: March 28, 2012 **Time:** Unknown **Location:** JSC/B5S/R3102

DAA 1676 Form #: 29386

This Word document is also attached to the DAA 1676 and this is a link to all lecture material and video: <\\js-ea-fs-01\pd01\EC\Knowledge-Capture\FY12 Knowledge Capture\20120328 Woods Interview\FOR 1676 Review and Public Release>

*A copy of the video will be provided to NASA Center for AeroSpace Information (CASI) via the Agency's Large File Transfer (LFT), or by DVD using the USPS when the DAA 1676 review is complete.

Assessment of Export Control Applicability:

This Knowledge Capture event has been reviewed by the EC5 Spacesuit Knowledge Capture Manager in collaboration with the author and is assessed to not contain any technical content that is export controlled. It is requested to be publicly released to the JSC Engineering Academy, as well as to CASI for distribution through NTRS or NA&SD (public or non-public) and with video through DVD request or YouTube viewing with download of any presentation material.

Presenter: Ron Woods

Synopsis: Ron Woods exhibits a wealth of knowledge gathered in more than 40 years of experience with NASA and spacesuits. Many people are interested in his biography, progression of work at NASA, impact on the U.S. Spacesuit, and career accomplishments. Wright, from the JSC History Office, conducted this personal background interview with Woods. The interview highlighted the influences and decision-making methods that impacted his technical and management contributions to the space program.

Biography: Ron Woods' career at NASA began at JSC, Crew Systems Division, as a survival technician and suit subject for the Apollo suits. Woods then supported the training and pre-flight suiting activities for Apollo, Skylab, and ASTP at KSC. During this time, he was assigned to the teams that supported the crews of Apollo 8, 11, 15, all three Skylabs, and ASTP. Post-ASTP, Woods returned to JSC to support shuttle flight crew equipment. This included the launch entry suit (ejection seat equipment) and crew-worn equipment. Woods supported the first two shuttle missions as a suit technician at KSC and three additional missions at primary and back-up landing sites, White Sands, and Dryden Flight Research Center. From 1982 to 2011, Woods worked at KSC as the JSC flight crew equipment representative for each shuttle mission and the early ISS missions. Woods' primary career and his already developing artistic skills merged into a portfolio of spacesuit paintings. As of 2012, Woods was back at JSC working launch and entry suits and crew protection systems for future human space exploration.

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