

JRAC Program Work Units

Work Unit Title	PI	Funds	FY02	03	04	05	06	07	
Site Selection and Assessment									
Characterization and Behavior of Unbound Pavement Materials	Berney	AT40	250	216	100				
Rapid Airfield Assessment Technologies	Phillips	AT40	200	173	143				
Characterization and Behavior of Stabilized Surface Materials	Wahl	AT40			95	350	250	225	
Response of Thawing Pavement Foundations	Shoop	AT42	200	200	200	200			
Site Selection Decision-Aid Development	Baylot	DT08		315	300	300	300	100	
Pavement Structural Condition Assessment	Phillips	DT08		225	225	300	150		
Analysis of Engineering Requirements	Miller	DT08		150	150	200	200		
Material Property Prediction	Berney	DT08		82	150	200	150		
Material Property Prediction for Freeze-Thaw	Henry	DT08		100	100	100	150		
Design and Evaluation System for Contingency Airfields	Barker	DT08				250	250		
Software Development Life-Cycle	Walker	DT08		82	100	250	500	300	
Enhanced Construction Technology									
Rapid Repair of Paved Airfield Surfaces	Gartrell	AT40		173	240	250	250	200	
Evaluation of Earthmoving Technology	Hodo	DT08		232	100				
Advanced Compaction Technology	Wahl	DT08		232	150				
Assessment of Improved Pulverizer Technology	Velez-Vega	DT08		157	200	200			
Quality Assurance for Contingency Airfield Construction	Freeman	DT08		162	250	250	300		
Rapid Construction Technology Demonstration	Mann	DT08			350	150	250	500	
Rapid Stabilization									
Development of Stabilizers for Accelerated Curing	Newman	AT40	250	216					
C-17 Shear-Resistant Stabilizer Development	Newman	AT40			170	200	200	50	
Dust Control Technologies	Rushing	AT40			175	200	200	125	
Stabilization of Thawing Soils	R. Rollings	AT42	200	200	200	200			
Rapid MOG Enhancement Technologies	Gartrell	DT08	100	249	265	250			
Stabilization of Thawing Soils Demonstration	R. Rollings	DT08		164	375				
Demonstration of Advanced Stabilizer Technologies (C-130)	Newman	DT08		342	425	100			
Field Testing of Advanced Stabilizer Technology (C-17)	Newman	DT08				590	500		
Evaluation of Structural Requirements for Contingency Airfields	Gonzalez	DT08				200	250		
Maintenance and Repair of Stabilized Layers	Newman	DT08				225	0		
Demonstration of C-17 Stabilization Technology	Newman	DT08					650	1000	
JRAC Technology Development and Integration – AT40									
JRAC Technology Development and Integration – AT40	Anderton	AT40		122	140			212	
JRAC Technology Development and Integration – DT08									
JRAC Technology Development and Integration – DT08	Anderton	DT08		243	157	300	350	100	
Yearly Program Totals				1200	4035	4760	5265	4900	2812