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SECURITY CLASSIFICATION OF THIS PAGE

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FIELD	GROUP	SUB-GROUP	
ABSTRACT (Continue on reverse if necessary and identify by block number) The objective of the CAMP program is to demonstrate the feasibility of reusable Ada software parts in a real-time embedded application area; the domain chosen for the demonstration was that of missile flight software systems. This required that the existence of commonality within that domain be verified (in order to justify the development of parts for that domain), and that software parts be designed which address those areas identified. An associated parts system was developed to support parts usage. ^{7.13} Volume 1 of this document contains the CAMP Armonics Benchmark Suite, while Volume 2 is the inventory of the CAMP Benchmark Suite.			
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16. SUPPLEMENTARY NOTATION (CONCLUDED)

These technical notes accompany the CAMP final report AFATL-TR-85-93 (3 Vols)

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CAMP Armonics' Benchmark Suite Inventory

16 December 1987

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AIR FORCE ARMAMENT LABORATORY

Air Force Systems Command United States Air Force Eglin Air Force Base, Florida

88 4 12 056

CAMP Armonics¹ Benchmark Suite Inventory

16 December 1987

Prepared for:

**Air Force Armament Laboratory
Aeromechanics Division
Guidance and Control Branch
Eglin AFB, FL 32542**

Prepared by:

**McDonnell Douglas Astronautics Company
P.O. Box 516
St. Louis, MO 63166**

¹Armament Electronics

CAMP Armonics Benchmark Suite Inventory

Armonics Benchmark Inventory and Cross-reference	
Development Name	ANSI Name
CAMP Source Code	
001_000_COMMON_NAV.ADA	A001000.ADA
001_001_COMMON_NAV.ADA	A001001.ADA
001_100_ALTITUDE_INTEGRATION.ADA	A001100.ADA
001_200_COMP_GROUND_VEL.ADA	A001200.ADA
001_300_COMP_GRAV_ACCEL_LAT_IN.ADA	A001300.ADA
001_400_COMP_GRAV_ACCEL_SIN_LAT_IN.ADA	A001400.ADA
001_500_COMP_HEADING.ADA	A001500.ADA
001_600_UPDATE_VELOCITY.ADA	A001600.ADA
001_700_SCALAR_VELOCITY.ADA	A001700.ADA
001_800_COMP_ROTATION_INCR.ADA	A001800.ADA
002_000_WA_NAV.ADA	A002000.ADA
002_001_WA_NAV.ADA	A002001.ADA
002_100_EAST_VELOCITY.ADA	A002100.ADA
002_200_NORTH_VELOCITY.ADA	A002200.ADA
002_300_EARTH_REL_HOR_VELS.ADA	A002300.ADA
002_400_TOTAL_ANGULAR_VEL.ADA	A002400.ADA
002_500_CORIOLIS_ACCEL.ADA	A002500.ADA
002_600_CORIOLIS_ACCEL_TOT_RATES.ADA	A002600.ADA
002_700_RAD_OF_CURV.ADA	A002700.ADA
002_800_TOT_PLATFORM_ROT_RATE.ADA	A002800.ADA
002_900_EARTH_ROT_RATE.ADA	A002900.ADA
002_A00_EARTH_REL_ROT_RATE.ADA	A002A00.ADA
002_B00_LATITUDE.ADA	A002B00.ADA
002_C00_LATITUDE_USING_ATAN.ADA	A002C00.ADA
002_D00_LONGITUDE.ADA	A002D00.ADA
002_E00_WANDER_ANGLE.ADA	A002E00.ADA

CAMP Armonics Benchmark Suite Inventory

Armonics Benchmark Inventory and Cross-reference	
Development Name	ANSI Name
002_F00_EAST_VEL_SIN_COS.ADA	A002F00.ADA
002_G00_NORTH_VEL_SIN_COS.ADA	A002G00.ADA
002_H00_EARTH_REL_HOR_VELS_SIN_COS.ADA	A002H00.ADA
002_I00_LATITUDE_USING_ATAN2.ADA	A002I00.ADA
002_J00_LONGITUDE_USING_ATAN2.ADA	A002J00.ADA
002_K00_WANDER_ANGLE_USING_ATAN2.ADA	A002K00.ADA
611_000_WGS72_METRIC_.ADA	A611000.ADA
613_000_WGS72_UNITLESS_.ADA	A613000.ADA
614_000_CONVERSION_FACTORS_.ADA	A614000.ADA
615_000_UNIVERSAL_CONSTANTS_.ADA	A615000.ADA
621_000_BDT_.ADA	A621000.ADA
621_001_BDT.ADA	A621001.ADA
622_000_KDT_.ADA	A622000.ADA
622_001_KDT.ADA	A622001.ADA
634_000_CLOCK_HANDLER_.ADA	A634000.ADA
634_001_CLOCK_HANDLER.ADA	A634001.ADA
644_000_DCM_.ADA	A644000.ADA
644_001_DCM.ADA	A644001.ADA
651_000_KALMAN_COMMON_.ADA	A651000.ADA
651_001_KALMAN_COMMON.ADA	A651001.ADA
651_I00_PHI_Q_MANAGER.ADA	A651100.ADA
651_200_P_MANAGER.ADA	A651200.ADA
651_300_PHI_MANAGER.ADA	A651300.ADA
652_000_KALMAN_COMPACT_.ADA	A652000.ADA
652_001_KALMAN_COMPACT.ADA	A652001.ADA
652_I00_CKG.ADA	A652100.ADA
652_200_UPDATE_P.ADA	A652200.ADA

CAMP Armonics Benchmark Suite Inventory

Armonics Benchmark Inventory and Cross-reference	
Development Name	ANSI Name
652_300_UPDATE_X.ADA	A652300.ADA
652_400_UPDATE_P_AND_X.ADA	A652400.ADA
652_500_KALMAN_UPDATE.ADA	A652500.ADA
652_600_UPDATE_P_GENERAL.ADA	A652600.ADA
653_000_KALMAN_COMPLICATED.ADA	A653000.ADA
653_001_KALMAN_COMPLICATED.ADA	A653001.ADA
653_100_CKG.ADA	A653100.ADA
653_200_UPDATE_P.ADA	A653200.ADA
653_300_UPDATE_X.ADA	A653300.ADA
653_400_UPDATE_P_AND_X.ADA	A653400.ADA
653_500_KALMAN_UPDATE.ADA	A653500.ADA
653_600_UPDATE_P_GENERAL.ADA	A653600.ADA
661_000_WAYPOINT_STEERING.ADA	A661000.ADA
661_001_WAYPOINT_STEERING.ADA	A661001.ADA
661_300_STEERING_VECTOR_OPNS.ADA	A661300.ADA
661_310_INITIALIZE.ADA	A661310.ADA
661_320_UPDATE.ADA	A661320.ADA
661_400_TURN_ANGLE_AND_DIRECTION.ADA	A661400.ADA
661_500_CRSSTRK_AND_HDG_ERR_OPNS.ADA	A661500.ADA
661_510_COMP_WHEN_TURNING.ADA	A661510.ADA
661_520_COMP_WHEN_NOT_TURNING.ADA	A661520.ADA
661_530_COMPUTE.ADA	A661530.ADA
661_600_DIST_TO_CURR_WAYPOINT.ADA	A661600.ADA
661_700_COMP_TURN_NONTURN_DIST.ADA	A661700.ADA
661_800_TURN_TEST_OPNS.ADA	A661800.ADA
661_810_STOP_TEST.ADA	A661810.ADA
661_820_START_TEST.ADA	A661820.ADA

CAMP Armonics Benchmark Suite Inventory

Armonics Benchmark Inventory and Cross-reference	
Development Name	ANSI Name
661_900_STEERING_VECTOR_OPNS_ARCSIN.ADA	A661900.ADA
661_A00_DIST_TO_CURR_WAYPOINT_ARCSIN.ADA	A661A00.ADA
681_000_C_ALGEBRA.ADA	A681000.ADA
681_001_C_ALGEBRA.ADA	A681001.ADA
681_200_MATRIX_OPNS.ADA	A681200.ADA
681_230_SET_TO_IDENTITY_MATRIX.ADA	A681230.ADA
681_240_SET_TO_ZERO_MATRIX.ADA	A681240.ADA
681_400_MATRIX_SCALAR_OPNS.ADA	A681400.ADA
681_500_CROSS_PRODUCT.ADA	A681500.ADA
681_600_MATRIX_VECTOR_MULT.ADA	A681600.ADA
681_700_MATRIX_MATRIX_MULT.ADA	A681700.ADA
682_000_GENERAL_ALGEBRA.ADA	A682000.ADA
682_001_GENERAL_ALGEBRA.ADA	A682001.ADA
682_100_VECTOR_OPNS_UC.ADA	A682100.ADA
682_200_MATRIX_OPNS_UC.ADA	A682200.ADA
682_300_DYN_SPARSE_MATRIX_UC.ADA	A682300.ADA
682_400_SYMM_HALF_STORAGE_MATRIX.ADA	A682400.ADA
682_500_SYMM_FULL_STORAGE_MATRIX_UC.ADA	A682500.ADA
682_600_DIAGONAL_MATRIX.ADA	A682600.ADA
682_700_VECTOR_SCALAR_OPNS_UC.ADA	A682700.ADA
682_800_MATRIX_SCALAR_OPNS_UC.ADA	A682800.ADA
682_900_DIAG_MATRIX_SCALAR_OPNS.ADA	A682900.ADA
682_A00_MATRIX_MATRIX_MULT_UR.ADA	A682A00.ADA
682_B00_MATRIX_VECTOR_MULT_UR.ADA	A682B00.ADA
682_C00_VECTOR_VECTOR_TRANS_MULT_UR.ADA	A682C00.ADA
682_D00_MATRIX_MATRIX_TRANS_MULT_UR.ADA	A682D00.ADA
682_E00_DOT_PRODUCT_OPN_UR.ADA	A682E00.ADA

CAMP Armonics Benchmark Suite Inventory

Armonics Benchmark Inventory and Cross-reference	
Development Name	ANSI Name
682_F00_DIAG_FULL_MATRIX_ADD_UR.ADA	A682F00.ADA
682_G00_VECTOR_OPNS_C.ADA	A682G00.ADA
682_H00_MATRIX_OPNS_C.ADA	A682H00.ADA
682_J00_DYN_SPARSE_MATRIX_C.ADA	A682J00.ADA
682_K00_SYMM_FULL_STORAGE_MATRIX_C.ADA	A682K00.ADA
682_L00_VECTOR_SCALAR_OPNS_C.ADA	A682L00.ADA
682_M00_MATRIX_SCALAR_OPNS_C.ADA	A682M00.ADA
682_N00_MATRIX_MATRIX_MULT_R.ADA	A682N00.ADA
682_P00_MATRIX_VECTOR_MULT_R.ADA	A682P00.ADA
682_Q00_VECTOR_VECTOR_TRANS_MULT_R.ADA	A682Q00.ADA
682_R00_MATRIX_MATRIX_TRANS_MULT_R.ADA	A682R00.ADA
682_S00_DOT_PRODUCT_OPN_R.ADA	A682S00.ADA
682_T00_DIAG_FULL_MATRIX_ADD_R.ADA	A682T00.ADA
682_U00_VECTOR_MATRIX_MULT_UR.ADA	A682U00.ADA
682_V00_VECTOR_MATRIX_MULT_R.ADA	A682V00.ADA
682_W00_ABA_TRANS_DSP_MATRIX_SQ_MATRIX.ADA	A682W00.ADA
682_X00_ABA_TRANS_VECTOR_SQ_MATRIX.ADA	A682X00.ADA
682_Y00_ABA_TRANS_VECTOR_SCALAR.ADA	A682Y00.ADA
682_Z00_COL_MATRIX_OPNS.ADA	A682Z00.ADA
683A_000_STANDARD_TRIG_ADA	A683A00.ADA
683A_001_STDTRIG_FIKE_HASTINGS.ADA	A683A00.ADA
683B_000_STANDARD_TRIG_ADA	A683B00.ADA
683B_001_STDTRIG_FIKE_HASTINGS.ADA	A683B00.ADA
683_000_STANDARD_TRIG_ADA	A683000.ADA
683_001_STDTRIG_SYSPNS.ADA	A683001.ADA
683_002_STD_TRG_NOSYS.ADA	A683002.ADA
684_000_GEOMETRIC_ADA	A684000.ADA

CAMP Armonics Benchmark Suite Inventory

Armonics Benchmark Inventory and Cross-reference	
Development Name	ANSI Name
684_001_GEOMETRIC.ADA	A684001.ADA
684_100_UNIT_RADIAL_VECTOR.ADA	A684100.ADA
684_200_UNIT_NL_VECTOR.ADA	A684200.ADA
684_300_SEG_UNIT_NL_VECTOR.ADA	A684300.ADA
684_400_GREAT_CIRCLE_ARC_LENGTH.ADA	A684400.ADA
684_500_SEG_UNIT_NL_VECTOR_ARCSIN.ADA	A684500.ADA
686_000_SIGNAL.ADA	A686000.ADA
686_001_SIGNAL.ADA	A686001.ADA
686_100_UL_LIMITER.ADA	A686100.ADA
686_200_U_LIMITER.ADA	A686200.ADA
686_300_L_LIMITER.ADA	A686300.ADA
686_400_ABS_LIMITER.ADA	A686400.ADA
686_500_ABS_LIMITER_W_FLAG.ADA	A686500.ADA
686_600_FIRST_ORDER_FILTER.ADA	A686600.ADA
686_700_TUSTIN_LAG_FILTER.ADA	A686700.ADA
686_800_TUSTIN_LEAD_LAG_FILTER.ADA	A686800.ADA
686_900_SECOND_ORDER_FILTER.ADA	A686900.ADA
686_A00_TUSTIN_INTEGRATOR_W_LIMIT.ADA	A686A00.ADA
686_B00_TUSTIN_INT_W_ASYM_LIMIT.ADA	A686B00.ADA
687_000_GP_MATH.ADA	A687000.ADA
687_001_GP_MATH.ADA	A687001.ADA
687_100_LOOKUP_EVEN.ADA	A687100.ADA
687_200_LOOKUP_UNEVEN.ADA	A687200.ADA
687_300_INCREMENTOR.ADA	A687300.ADA
687_400_DECREMENTOR.ADA	A687400.ADA
687_500_RUN_AVG.ADA	A687500.ADA
687_600_ACCUM.ADA	A687600.ADA

CAMP Armonics Benchmark Suite Inventory

Armonics Benchmark Inventory and Cross-reference	
Development Name	ANSI Name
687_700_CHANGE_ACCUM.ADA	A687700.ADA
687_800_CHANGE_CALC.ADA	A687800.ADA
687_900_INTEGRATOR.ADA	A687900.ADA
687_A00_INTERPOLATE.ADA	A687A00.ADA
687_C00_SQRT.ADA	A687C00.ADA
687_C01_NEWTON_SQRT.ADA	A687C01.ADA
687_D00_RSOS.ADA	A687D00.ADA
687_E00_SIGN.ADA	A687E00.ADA
687_F00_MEAN_VAL.ADA	A687F00.ADA
687_G00_MAD.ADA	A687G00.ADA
687_H00_LOOKUP_TWOWAY.ADA	A687H00.ADA
688_000_POLYNOMIALS.ADA	A688000.ADA
688_001_POLYNOMIALS.ADA	A688001.ADA
688_200_CHEBYSHEV.ADA	A688200.ADA
688_210_RADIAN_OPERATIONS.ADA	A688210.ADA
688_220_DEGREE_OPERATIONS.ADA	A688220.ADA
688_230_SEMICIRCLE_OPERATIONS.ADA	A688230.ADA
688_300_FIKE.ADA	A688300.ADA
688_310_SEMICIRCLE_OPERATIONS.ADA	A688310.ADA
688_400_HART.ADA	A688400.ADA
688_410_RADIAN_OPERATIONS.ADA	A688410.ADA
688_420_DEGREE_OPERATIONS.ADA	A688420.ADA
688_500_HASTINGS.ADA	A688500.ADA
688_510_RADIAN_OPERATIONS.ADA	A688510.ADA
688_520_DEGREE_OPERATIONS.ADA	A688520.ADA
688_800_MOD_NEWTON_RAPHSON.ADA	A688800.ADA
688_900_NEWTON_RAPHSON.ADA	A688900.ADA

CAMP Armonics Benchmark Suite Inventory

Armonics Benchmark Inventory and Cross-reference	
Development Name	ANSI Name
688_A00_TAYLOR_SERIES.ADA	A688A00.ADA
688_A10_RADIAN_OPERATIONS.ADA	A688A10.ADA
688_A20_DEGREE_OPERATIONS.ADA	A688A20.ADA
688_A40_NATURAL_LOG.ADA	A688A40.ADA
688_A50_BASE_LOG.ADA	A688A50.ADA
688_B00_GENL_POLYNOMIAL.ADA	A688B00.ADA
688_C00_SYSTEM_FUNCTIONS.ADA	A688C00.ADA
688_C10_RADIAN_OPNS.ADA	A688C10.ADA
688_C20_SEMICIRCLE_OPNS.ADA	A688C20.ADA
688_C30_DEGREE_OPNS.ADA	A688C30.ADA
688_C40_SQUARE_ROOT.ADA	A688C40.ADA
688_C50_BASE_10.ADA	A688C50.ADA
688_C60_BASE_N.ADA	A688C60.ADA
688_D00_CONTINUED_FRACTIONS.ADA	A688D00.ADA
688_D10_RADIAN_OPERATIONS.ADA	A688D10.ADA
688_E00_CODY_WAITE.ADA	A688E00.ADA
688_E40_NATURAL_LOG.ADA	A688E40.ADA
688_E50_BASE_N.ADA	A688E50.ADA
688_F00_REDUCTION.ADA	A688F00.ADA
851_000_UNIT_CONVERSION.ADA	A851000.ADA
851_001_UNIT_CONVERSION.ADA	A851001.ADA
890_000_QUATERNION.ADA	A890000.ADA
890_001_QUATERNION.ADA	A890001.ADA
890_100_EULER.ADA	A890100.ADA
890_200_NORMALIZED.ADA	A890200.ADA
11th Missile Code (some modified)	
BARO_ALT_FOR_KF_TESTS.ADA	MBAFKFT.ADA

CAMP Armonics Benchmark Suite Inventory

Armonics Benchmark Inventory and Cross-reference	
Development Name	ANSI Name
BARO_TEST_DRIVER.ADA	MBROTES.ADA
DATA_RETRIEVAL_FOR_GUIDOPNS_TEST.ADA	MDTARET.ADA
DO_SUM_BARO_ALTIMETER_FOR_BIAS_TEST.ADA	MDSUMBA.ADA
DUMMY_AM.ADA	MDMMYAM.ADA
DUMMY_DO_SUM_BARO.ADA	MDMMYDO.ADA
DUMMY_INITIALIZE_NAVIGATOR.ADA	MDMMYIN.ADA
DUMMY_VELOCITY_COMPUTATIONS.ADA	MDMMYVE.ADA
EARTH_TO_BODY_TRANSFORM.ADA	MERTHTO.ADA
ENVIRONMENT_FOR_KF_TESTS.ADA	MEVIRON.ADA
EXECUTE_NAVIGATOR.ADA	MXNAVIG.ADA
EXECUTE_NAVIGATOR_TEST.ADA	MEEXECUT.ADA
EX_NAV_KALMAN_FILTER_STUB.ADA	MEXNAVK.ADA
GUID_COMPUTER_FOR_GUIDOPNS_TEST.ADA	MGUIDCO.ADA
INCORPORATE_KALMAN_CORR.ADA	MINCORP.ADA
INTERNAL_BUS_BROADCAST_FOR_KF_TESTS.ADA	MINTERN.ADA
ISA_FOR_KF_TESTS.ADA	MISAFOR.ADA
KALMAN_FILTER_STUB.ADA	MKALMAN.ADA
M007_100_GUIDANCE_OPNS.ADA	M007100.ADA
M007_110_PROCESSOR_MODIFIED.ADA	M007110.ADA
M007_111_PRINCIPAL_VALUE.ADA	M007111.ADA
M007_112_PERFORM_INIT.ADA	M007112.ADA
M007_113_WAYPT_CNTRL_OPNS.ADA	M007113.ADA
M007_114_FLIGHT_CONTROL.ADA	M007114.ADA
M007_115_FIRST_ORDER.ADA	M007115.ADA
M012_000_GUIDANCE_DATA_TYPES.ADA	M012000.ADA
M012_001_GUIDANCE_DATA_TYPES.ADA	M012001.ADA
M013_000_MISSION_DATA.ADA	M013000.ADA

CAMP Armonics Benchmark Suite Inventory

Armonics Benchmark Inventory and Cross-reference	
Development Name	ANSI Name
M014_000_NAV_COMPUTER_DATA_TYPES.ADA	M014000.ADA
M014_001_NAV_COMPUTER_DATA_TYPES.ADA	M014001.ADA
M015_001_NAVIGATION_OPERATIONS.ADA	M015001.ADA
M015_0200_EXECUTE_NAVIGATOR.ADA	M015020.ADA
M015_0900_SLAVE_CNE.ADA	M015090.ADA
M015_0C00_BARO_LOOP_COMPUTATIONS.ADA	M0150C0.ADA
M015_0H00_NAV_OPS_TEST_CODE.ADA	M0150H0.ADA
M017_000_ALIGNMENT_MEASUREMENTS.ADA	M017000.ADA
M018_000_NAV_SYSTEM.ADA	M018000.ADA
M019_000_KALMAN_TYPES.ADA	M019000.ADA
M019_001_KALMAN_TYPES.ADA	M019001.ADA
M019_0100_F_OPERATIONS.ADA	M019010.ADA
M019_0200_PHI_OPERATIONS.ADA	M019020.ADA
M019_0800_ACTIVE_KHPO.ADA	M019080.ADA
M019_0900_PASSIVE_KHPO.ADA	M019090.ADA
M019_0A00_DOPPLER_KHPO.ADA	M0190A0.ADA
M021_000_KALMAN_FILTER.ADA	M021000.ADA
M022_000_ENVIRONMENT.ADA	M022000.ADA
M024_000_H_ROW.ADA	M024000.ADA
M024_001_H_ROW.ADA	M024001.ADA
M611_000_WGS72_METRIC.ADA	M611000.ADA
M612_000_WGS72_ENGINEERING.ADA	M612000.ADA
MEASUREMENTS_FOR_KF_TESTS.ADA	MMEASUR.ADA
MESSAGE_MANAGER_FOR_GUIDOPNS_TEST.ADA	MMESSAG.ADA
MISSION_DATA_FOR_GUIDOPNS_TEST.ADA	MMISSIO.ADA
NAVIGATION_OPERATIONS.ADA	MNAVIGA.ADA
NAV_SYSTEM_STUB.ADA	MNAVSYS.ADA

CAMP Armonics Benchmark Suite Inventory

Armonics Benchmark Inventory and Cross-reference	
Development Name	ANSI Name
OCU_FOR_KF_TESTS.ADA	MOCUFOR.ADA
SCP_FOR_KF_TESTS.ADA	MSCPFOR.ADA
TLM_FOR_KF_TESTS.ADA	MTLMFOR.ADA
VELOCITY_COMPUTATIONS.ADA	MVELOC1.ADA
VELOCITY_COMPUTATIONS_TEST.ADA	MVELOCT.ADA
VEL_TEST_DRIVER.ADA	MVELTES.ADA
WANDER_ANGLE_COMPUTATIONS.ADA	MWANDER.ADA
Compilation Benchmark Source Code	
10_WGS72U_.ADA	C10WGS7.ADA
20_NPNAV_.ADA	C20NPNA.ADA
21_NPNAV.ADA	C21NPNA.ADA
30_KFCOMMON_.ADA	C30KFCO.ADA
31_KFCOMMON.ADA	C31KFCO.ADA
40_KFCOMPLICATED_.ADA	C40KFCO.ADA
41_KFCOMPLICATED.ADA	C41KFCO.ADA
50_POLY_.ADA	C50POLY.ADA
51_POLY.ADA	C51POLY.ADA
60_GVMA_.ADA	C60GVMA.ADA
61_GVMA.ADA	C61GVMA.ADA
70_GPMATH_.ADA	C70GPMA.ADA
71_GPMATH.ADA	C71GPMA.ADA
80_CVMA_.ADA	C80CVMA.ADA
81_CVMA.ADA	C81CVMA.ADA
90_STDTRIG_.ADA	C90STDT.ADA
91_STDTRIG.ADA	C91STDT.ADA
A0_GEO_.ADA	CA0GEOX.ADA
A1_GEO.ADA	CA1GEOX.ADA

CAMP Armonics Benchmark Suite Inventory

Armonics Benchmark Inventory and Cross-reference	
Development Name	ANSI Name
B0_UNIVCONST.ADA	CB0UNIV.ADA
C0_CONVFACTORS.ADA	CC0CONV.ADA
D0_BDT.ADA	CD0BDTX.ADA
D1_BDT.ADA	CD1BDTX.ADA
E0_WPS.ADA	CE0WPSX.ADA
E1_WPS.ADA	CE1WPSX.ADA
F0_WGS72.ADA	CF0WGS7.ADA
G0_KDT.ADA	CG0KDTX.ADA
G1_KDT.ADA	CG1KDTX.ADA
Z1_NP_TDRVR.ADA	CZ1NPTD.ADA
Z2_WPS_TDRVR.ADA	CZ2WPST.ADA
Z3_KF_TDRVR.ADA	CZ3KFTD.ADA
Original Benchmark Source Code	
ANALYZE.ADA	BANALYZ.ADA
BENCHMARKING_TOOLS.ADA	BBNMARK.ADA
BENCHMARKING_TOOLS.ADA	BBNCHMA.ADA
BENCHMARK_CONTENTS.ADA	BBNCHMR.ADA
BENCHMARK_CONTENTS.ADA	BBNCHMK.ADA
CHEBYSHEV6_DRIVER.ADA	BCHEBY6.ADA
CHEBYSHEV9_DRIVER.ADA	BCHEBY9.ADA
CODY6_DRIVER.ADA	BCDY6DR.ADA
CODY9_DRIVER.ADA	BCDY9DR.ADA
CONTINUED6_DRIVER.ADA	BCNT6DR.ADA
CONTINUED9_DRIVER.ADA	BCNT9DR.ADA
CONTINUED_FRACTION_BENCHMARK.ADA	BCNTFRA.ADA
CONTINUED_FRACTION_BENCHMARK.ADA	BCNTFRC.ADA
CPU_CLOCK.ADA	BCPUCLO.ADA

CAMP Armonics Benchmark Suite Inventory

Armonics Benchmark Inventory and Cross-reference	
Development Name	ANSI Name
FIKE6_DRIVER.ADA	BFIKE6D.ADA
FIKE9_DRIVER.ADA	BFIKE9D.ADA
HART6_DRIVER.ADA	BHART6D.ADA
HART9_DRIVER.ADA	BHART9D.ADA
HASTINGS6_DRIVER.ADA	BHAST6D.ADA
HASTINGS9_DRIVER.ADA	BHAST9D.ADA
INT_BENCHMARKING_TOOLS.ADA	BINTBEN.ADA
INT_BENCHMARKING_TOOLS_.ADA	BINTBNC.ADA
KALMAN_COMMON_TEST.ADA	BKALMNC.ADA
KALMAN_COMMON_TEST_.ADA	BKALMAN.ADA
KALMAN_COMPACT_DRIVER.ADA	BKLMANC.ADA
KALMAN_COMPACT_TEST.ADA	BKLMNCO.ADA
KALMAN_COMPACT_TEST_.ADA	BKLMCOM.ADA
KALMAN_COMPLICATED_DRIVER.ADA	BKLMNCM.ADA
KALMAN_COMPLICATED_TEST.ADA	BKLNCOM.ADA
KALMAN_COMPLICATED_TEST_.ADA	BKLMCOM.ADA
MATRIX_OUTPUT.ADA	BMATRIX.ADA
MATRIX_OUTPUT_.ADA	BMTRIXO.ADA
NEWTON6_DRIVER.ADA	BNWTN6D.ADA
NEWTON9_DRIVER.ADA	BNEWTN9.ADA
POLYNOMIALS_NO_SYS_FUNC.ADA	BPLYNOM.ADA
POLYNOMIALS_NO_SYS_FUNC_.ADA	BPOLYNO.ADA
POLYNOMIAL_BENCHMARK.ADA	BPOLYNM.ADA
POLYNOMIAL_BENCHMARK_.ADA	BPOLNOM.ADA
REDUCE_SIM_LOG.ADA	BREDUCE.ADA
SYSTEM_DRIVER.ADA	BSYSTEM.ADA
TAYLOR6_DEGREE_DRIVER.ADA	BTYLOR6.ADA

CAMP Armonics Benchmark Suite Inventory

Armonics Benchmark Inventory and Cross-reference	
Development Name	ANSI Name
TAYLOR6_RADIAN_DRIVER.ADA	BTAYLR6.ADA
TAYLOR9_DEGREE_DRIVER.ADA	BTYLOR9.ADA
TAYLOR9_RADIAN_DRIVER.ADA	BTAYLR9.ADA
Benchmark VAX TM VMS Command Procedures	
ACT_COMPILATION_RUN.COM	JACTCOM.COM
COMPILATION_BENCHMARKS.COM	JCMPILA.COM
COMPILE_BENCHMARK_SUPPORT.COM	JCOMPIL.COM
COMPILE_TOOLS.COM	JCMPLTO.COM
INT_EXEC1_COM_LINK.COM	JINT1CM.COM
INT_EXEC2_COM_LINK.COM	JINT2CM.COM
INT_EXEC3_COM_LINK.COM	JINT3CM.COM
MODIFIED_POLY6_COM_LINK.COM	JMDPOL6.COM
MODIFIED_POLY9_COM_LINK.COM	JMDPOL9.COM
POLY6_COM_LINK.COM	JPLY6CM.COM
POLY9_COM_LINK.COM	JPLY9CM.COM
SYSTEM_COM_LINK.COM	JSYSCML.COM
TLD_BENCHMARKS_COM_LINK.COM	JTLDBCO.COM
TLD_COMPILATION_RUN.COM	JTLDCOM.COM
VAX_ANALYZE_COM_LINK.COM	JVAXANL.COM
VAX_ANALYZE_POLY.COM	JVAXALY.COM
VAX_BENCHMARKS_COM_LINK.COM	JVAXBSC.COM
VAX_COMPILATION_RUN.COM	JVAXCOM.COM
VAX_INT_EXEC1_RUN.COM	JVAXI1R.COM
VAX_INT_EXEC2_RUN.COM	JVAXI2R.COM
VAX_INT_EXEC3_RUN.COM	JVAXI3R.COM
VAX_POLY_RUN.COM	JVAXPRU.COM
ANSI/Development Name Conversion	

CAMP Armonics Benchmark Suite Inventory

Armonics Benchmark Inventory and Cross-reference	
Development Name	ANSI Name
ANSI2DV.COM	ANSI2DV.COM
DV2ANSI.COM	DV2ANSI.COM
Standard Output Data Files	
VAX_INT_EXEC1_RUN.DAT	DVXIE1R.DAT
VAX_INT_EXEC2_RUN.DAT	DVXIE2R.DAT
VAX_INT_EXEC3_RUN.DAT	DVXIE3R.DAT
HART6_DRIVER.ANA	DHART6D.ANA
HART6_DRIVER.DAT	DHART6D.DAT

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DEPARTMENT OF THE AIR FORCE
WRIGHT LABORATORY (AFSC)
EGLIN AIR FORCE BASE, FLORIDA, 32542-5434



REPLY TO
ATTN OF: MNOI

ERRATA
AD-B/20310

13 Feb 92

SUBJECT: Removal of Distribution Statement and Export-Control Warning Notices

TO: Defense Technical Information Center
ATTN: DTIC/HAR (Mr William Bush)
Bldg 5, Cameron Station
Alexandria, VA 22304-6145

1. The following technical reports have been approved for public release by the local Public Affairs Office (copy attached).

<u>Technical Report Number</u>	<u>AD Number</u>
1. 88-18-Vol-4	ADB 120 251
2. 88-18-Vol-5	ADB 120 252
3. 88-18-Vol-6	ADB 120 253
4. 88-25-Vol-1	ADB 120 309
5. 88-25-Vol-2	ADB 120 310
6. 88-62-Vol-1	ADB 129 568
7. 88-62-Vol-2	ADB 129 569
8. 88-62-Vol-3	ADB 129-570
9. 85-93-Vol-1	ADB 102-654
10. 85-93-Vol-2	ADB 102-655
11. 85-93-Vol-3	ADB 102-656
12. 88-18-Vol-1	ADB 120 248
13. 88-18-Vol-2	ADB 120 249
14. 88-18-Vol-7	ADB 120 254
15. 88-18-Vol-8	ADB 120 255
16. 88-18-Vol-9	ADB 120 256
17. 88-18-Vol-10	ADB 120 257
18. 88-18-Vol-11	ADB 120 258
19. 88-18-Vol-12	ADB 120 259

2. If you have any questions regarding this request call me at DSN 872-4620.

Lynn S. Wargo
LYNN S. WARGO
Chief, Scientific and Technical
Information Branch

1 Atch
AFDTC/PA Ltr, dtd 30 Jan 92

ERRATA



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AIR FORCE DEVELOPMENT TEST CENTER (AFDC)
BOLN AIR FORCE BASE, FLORIDA 32848-8888



REPLY TO
ATTN OF: PA (Jim Swinson, 882-3931)

30 January 1992

SUBJECT: Clearance for Public Release

TO: WL/MNA

The following technical reports have been reviewed and are approved for public release: AFATL-TR-88-18 (Volumes 1 & 2), AFATL-TR-88-18 (Volumes 4 thru 12), AFATL-TR-88-25 (Volumes 1 & 2), AFATL-TR-88-62 (Volumes 1 thru 3) and AFATL-TR-85-93 (Volumes 1 thru 3).

Virginia N. Pribyla
VIRGINIA N. PRIBYLA, Lt Col, USAF
Chief of Public Affairs

AFDTC/PA 92-039