CASA

TECHNICAL / SERVICE REPORT for HARD DISK DRIVES

Note :- This form must accompany the DRIVE during service and a copy made for inclusion with the drive before packing. Customers can be supplied with a copy with our invoice.

Service JOB #:- _____

Brand :-	Model :-	S/No.

Technical / Performance Information

Heads	Cylinders	Sectors	Encoding	Capacity MB

PreComp	Seek—ms	KB/sec	Parking	Interface

AT BIOS #	Controller Type/Model :-	Interleave :-

Inspection & Testing Undertaken

Test	Check	Comments & Instructions
RECORD Identity	☐	Fill in all the above details as known and add any new information which is verified as the tests proceed.
VISUAL Inspection	☐	Examine the drive for mechanical dammage, broken seals etc.
CLEAN External	☐	Ground/earth the drive chassis and blow down with compressed air.
MOTOR Run	☐	Connect the drive to a suitable power supply and verify that the motor runs properly.
BEARING Noise	☐	After the motor has been running a few minuted listen carefully tfor bearing or other mechanical noises.
SEEK Test	☐	Use DISK diagnostic software to confirm that the HEADS seek properly.
Media ANALYSIS	☐	Using Diagnostic software run MEDIA ANALYSIS to verify that the BOOT and other media areas are servicable.
Enter DEFECT Map	☐	Enter all Original and NEW Defects revealed by the Media Analysis onto the BAD Track Table below.
FORMAT Low Level	☐	Using DEBUG, BIOS Diagnostics or other appropriate software carry out LOW LEVEL Format including the known defects.
Check INTERLEAVE	☐	Using OPTUNE or similar software chech the interleave to determine the drive and controller used perform to best advantage.
RE-SET Interleave	☐	Re-set the interleave as appropriate to the controller which will be used with this drive.
Fix LABELS	☐	Afix the HDD Technical information LABEL including all appropriate information. Fix the CASA "OK" Quality Control Label and include your initials and date.
Format ___ -DOS	☐	Undertake DOS (or other operationg system according to the requirements of the owner of the Drive) Format and check that the system BOOTs up.
PARK Heads	☐	If the drive is NOT Auto-Park type then run a disk "PARK" utility to put the heads in a safe position ready for transport.
PACK for Storage	☐	Using an Anti-Static bag and foam packing, carefully pack the drive (including a copy of this report) and fix a CASA Product Label to identify the contents.

Bad Track Table

No.	Cylinde	Head	No.	Cylinde	Head	No.	Cylinde	Head	No.	Cylinder	Head
1			6			11			16		
2			7			12			17		
3			8			13			18		
4			9			14			19		
5			10			15			20		

Final Comments :-_____

SERVICABLE ☐

NOT Servicable ☐

Technician		**Date**	