Help! My Database is Marked Suspect.

A database can be marked for many reasons. Generally it falls into the following conditions :

- A database or log file is missing.
- In SQL 6.5, a device may not be present.
- SQL Server may not have been able to restore the database in ample time.
- The database could be corrupt.
- The database is being help by the operating system. This could be a 3rd party backup software or defrag software. I've had even a virus scanning software cause this once.
- SQL Server does not have enough space to recover the database on startup.

To fix this problem, perform the following functions:

1. Review the SQL Server and NT error logs to see if you can find where the problem occured.
2. Start SQL Server in single user mode.
   - Go to your control panel and services.
   - Stop SQL Server
   - Add the -m switch in the parameters pane below.
   - Start SQL Server
3. Run sp_resetstatus with the @dbname parameter. (ie : sp_resetstatus @dbname = "pubs")
4. Perform detailed DBCC checks (CHECKDB, CHECKALLOC, etc)
5. Run a few random queries to see if you experience any problems.
6. If no problems occur, stop and start SQL Server and open the database to production.